

LIBRARY
BUREAU OF THE CENSUS

HC80-1-B13

Hawaii


Census
REF
HD
7293
.A56x
1982
v.1
ch. B
pt. 13
c.1

REFERENCE COPY
CHARACTERISTICS OF HOUSING UNITS

Detailed Housing Characteristics

HAWAII

1980



Census of Housing

*Bureau of the Census
Library*

88 2286

U.S. Department of Commerce
BUREAU OF THE CENSUS



CENSUS
REF
HJ
7293
A55x
1990
ch. B
pt. 13-15

1980

Census of Housing

VOLUME 1
CHARACTERISTICS OF HOUSING UNITS

CHAPTER B

Detailed Housing Characteristics

PART 13

HAWAII

HC80-1-B13

Issued May 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
Bruce Chapman, Director

Data Index

This index provides a summary listing of the tables in which the particular data are presented. A detailed finding guide—by table—appears on page III. For a listing of the individual tables and their page numbers, see page 1.

	Table
Summary Data for Areas, Places, and Counties	
Selected Characteristics	54, 55, 56, 57, 58, 59
Data for the State	
Structural Characteristics	60, 63, 64, 65, 66, 67
Equipment and Plumbing Facilities	61, 63, 64, 65, 66, 67
Fuels and Financial Characteristics	62, 68, 69, 70, 71, 72
Data for Areas and Places of 50,000 or More	
Structural Characteristics	73, 76, 77, 78, 79, 80
Equipment and Plumbing Facilities	74, 76, 77, 78, 79, 80
Fuels and Financial Characteristics	75, 81, 82, 83, 84, 85
Data for Places of 10,000 to 50,000	
Structural Characteristics	86, 89
Equipment and Plumbing Facilities	87, 89
Fuels and Financial Characteristics	88, 90
Data for Places of 2,500 to 10,000	
Selected Characteristics	91, 92
Data for Counties	
Structural Characteristics	93, 96
Equipment and Plumbing Facilities	94, 96
Fuels and Financial Characteristics	95, 97
Data for Rural Housing Units	
Occupancy, Utilization, Plumbing, and Financial Characteristics	98
Selected Characteristics	100
Data for Rural Farm Housing Units	
Occupancy, Utilization, and Plumbing Characteristics	99
Selected Characteristics	101
Data for American Indian Reservations	
Selected Characteristics	102

BUREAU OF THE CENSUS
LIBRARY



BUREAU OF THE CENSUS

Bruce Chapman, Director

C. L. Kincannon, Deputy Director

HOUSING DIVISION

Arthur F. Young, Chief

Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailer**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**, Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of **Stanley D. Matchett**, Chief, assisted by **Rachel F. Brown** and **Roger O. Lepage**, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: **Donald R. Dalzell**, **H. Ray Dennis**, **Stephen E. Goldman**, **Dennis W. Stoudt**, and **Richard R. Warren**.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of **Arthur F. Young**, Chief, **Leonard J. Norry**, Assistant Chief, and **William A. Downs**, Branch Chief. This report was prepared by **Joyce A. Aso**, **Robert W. Bonnette**, **Sherry A. Briscoe**, **Donald P. Fischer**, and **Gregory K. Sprowls**. Important contributions were made by **Carmina F. Young**.

Administrative support was provided by the Administrative Services Division, **Robert L. Kirkland**, Chief, and **William C. Fanning**, Assistant Chief.

Computer processing was performed in the Computer Operations Division, **C. Thomas DiNenna**, Chief, **James E. Stead**, **George M. Bowden**, and **Joseph J. Sferrella**, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, **James S. Werking**, then Chief, under the direction of **Harry O'Haver**, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, **Don L. Adams**, Chief; Jeffersonville Processing Office, **Robert L. Kirkland**, then Processing Manager; New Orleans Processing Office, **Robert L. Allen**, Chief; and Laguna Niguel Processing Office, **Robert N. Scheller**, Chief.

User services were provided by the Data User Services Division under the supervision of **Michael G. Garland**, Chief, **Marshall L. Turner, Jr.**, and **Paul T. Zeisset**, Assistant Chiefs.

Data collection activities were supervised in the Field Division by **Lawrence T. Love**, Chief, under the direction of **Richard Blass**, **Charles Hancock**, and **George T. Reiner**, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Joseph J. Knott**, **Robert W. Marx**, and **Silla G. Tomasi**, Assistant Chiefs, and **Donald I. Hirschfeld**.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, **Raymond J. Koski**, Chief; **Milton S. Andersen**, **Arlene C. Duckett**, and **Gerald A. Mann**, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and producing variance estimates. This work was supervised by **Charles D. Jones**, Chief; **Susan M.**

Miskura and **Robert T. O'Reagan**, Assistant Chiefs. Important contributions were made by **David H. Diskin**, **Milton C. Fan**, **Thomas W. Harahush**, **Robert S. Jewett**, **J. Kim**, **Teresa A. Passalacqua**, **John H. Thompson**, and **Henry F. Woltman**.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **C. Thomas DiNenna**, Acting Chief, and **Robert J. Varson**, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 1, Characteristics of housing units.

HC80-1-

Issued April 1982—

Partial contents: ch. A. General housing characteristics v. — ch. B. Detailed housing characteristics v.

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th 1980. I. United States. Bureau of the Census. II. Title: Characteristics of housing units.

HC7293.A6113 312'.9.0973 81-607958
AACR2

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

Table Finding Guide—Subjects by Type of Area and Table Number

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urbanized Areas, Central Cities of SMSA's	Places ¹ of—			Counties			American Indian Reservations
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
SUMMARY CHARACTERISTICS . . .	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	—	—	102
TOTAL HOUSING UNITS	—	—	98	—	—	—	—	—	—	98	—	—
TOTAL POPULATION	—	—	98	99	—	—	—	—	—	98	99	—
OCCUPANCY AND VACANCY CHARACTERISTICS												
Occupied housing units	61,62,63, 64,65,66, 67,68,69, 70,71,72	61,62,63, 64,65,66, 69,70	98,100	99,101	74,75,76, 77,78,79, 80,81,82, 83,84,85	74,75,76, 77,78,79, 80,81,82, 83,84,85	88,89, 90	91,92	94,95, 96,97	98,100	99,101	102
Tenure	—	—	98	99	—	—	—	—	—	98	99	—
Persons in occupied housing units	—	—	—	—	—	—	—	—	—	—	—	—
Year householder moved into unit	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	—
Vacant housing units	—	—	98	—	—	—	—	—	—	98	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	—	—	—	—	—	—	—	—	—	—	—	—
Tenure	—	—	—	—	—	—	—	—	—	—	—	—
Plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—
Kitchen facilities	—	—	—	—	—	—	—	—	—	—	—	—
Vehicles available	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	—
Telephone in unit	—	—	—	—	—	—	—	—	—	—	—	—
Central heating system	—	—	—	—	—	—	—	—	—	—	—	—
Air conditioning	—	—	—	—	—	—	—	—	—	—	—	—
UTILIZATION CHARACTERISTICS												
Rooms	—	—	98	99	—	—	—	—	—	98	99	—
Size of household (Persons in unit)	—	—	—	—	—	—	—	—	—	—	—	—
Persons per room	60,63,64, 65,66,67	60,63,64, 65	—	—	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	—	—	—
Bedrooms	—	—	—	—	—	—	—	—	—	—	—	—
STRUCTURAL CHARACTERISTICS												
Year structure built	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	—
Units in structure	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	—
By gross rent	60,63,64, 65,66,67	60,63,64, 65	—	—	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	—	93,96	—	—	—
Stories in structure	—	—	—	—	—	—	—	—	—	—	—	—
Passenger elevator	60	60	—	—	73	73	86	—	93	—	—	—
PLUMBING CHARACTERISTICS												
Plumbing facilities	—	—	98	99	—	—	—	—	—	98	99	—
Bathrooms	61,63,64, 65,66,67	61,63,64, 65	—	—	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	—	—	—

TABLE FINDING GUIDE

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urban- ized Areas, Central Cities of SMSA's	Places ¹ of—			Counties			Ameri- can Indian Reserva- tions
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
PLUMBING CHARACTERISTICS—Con.												
Source of water	61,63,64,	61,63,64,			74,76,77,	74,76,77,	87,89		94,96	100	101	—
Sewage disposal	65,66,67	65	100	101	78,79,80	78,79,80						
EQUIPMENT AND FUELS												
Kitchen facilities	61,63,64,	61,63,64,			74,76,77,	74,76,77,	87,89	91,92	94,96	100	101	—
Heating equipment	65,66,67	65			78,79,80	78,79,80						
Vehicles available	61,63,64,	61,63,64,	100	101	74,76,77,	74,76,77,	87,89	91	94,96	100	101	—
Air conditioning	65,66,67	65			78,79,80	78,79,80						
Telephone in housing unit	61,63,64,	61,63,64,	100	101	74,76,77,	74,76,77,	87,89	91,92	94,96	100	101	—
Fuels used for house heating	65,66,67	65			78,79,80	78,79,80						
Fuels used for water heating and cooking	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91,92	95,97	100	101	—
	62,68,69, 70,71,72	62,68,69, 70	—	—	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	—	95,97	—	—	—
FINANCIAL CHARACTERISTICS												
Value	—	—	98	—	—	—	—	—	—	98	—	—
Mortgage status and selected monthly owner costs	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91,92	95,97	100	101	—
Rent	—	—	98	—	—	—	—	—	—	98	—	—
Contract rent, median	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91,92	95,97	100	101	—
Gross rent	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91	95,97	100	101	—
Income in 1979, median	62,68,69, 70,71,72	62,68,69, 70	—	—	83,84,85	83,84,85	88,90	—	95,97	—	—	—
Poverty Status in 1979	62,68,69, 70,71,72	62,68,69, 70	—	—	83,84,85	83,84,85	88,90	—	95,97	—	—	—

Note: Data for housing units with a White householder may be found in tables 55, 63, 68, 76, 81, 89, 90, 92, 96, and 97; data for a Black householder, tables 56, 64, 69, 77, 82, 89, 90, 92, 96, and 97; data for an American Indian, Eskimo, or Aleut householder, tables 57, 66, 71, 78, 83, 89, 90, 92, 96, and 97; data for an Asian and Pacific Islander householder, tables 58, 66, 71, 79, 84, 89, 90, 92, 96, and 97; and data for a Spanish Origin householder, tables 59, 65, 67, 70, 72, 80, 85, 89, 90, 92, 96, and 97.

¹Data for towns and townships are shown for Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

APPENDICES

A. Area Classifications	A-1
B. Definitions and Explanations of Subject Characteristics	B-1
C. General Enumeration and Processing Procedures	C-1
D. Accuracy of the Data	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages	E-1
F. Publication and Computer Tape Program	F-1

Introduction

GENERAL	V
CONTENTS OF THE REPORT	V
DERIVED FIGURES (Medians and Percents)	VI
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS	VI
SUPPRESSION OF DATA FOR CONFIDENTIALITY	VI

GENERAL

This report is part of the *Detailed Housing Characteristics* series and presents sample data from the 1980 Census of Population and Housing on detailed characteristics of housing units for the State, classified by urban and rural residence and by size of place, its counties or comparable areas, places of 2,500 or more inhabitants, census designated places, standard consolidated statistical areas (SCSA's), standard metropolitan statistical areas (SMSA's), urbanized areas, American Indian reservations, Alaska Native villages and certain other geographic areas of the State. The abbreviated identification for this report is HC80-1-B (i.e., Housing Census, 1980-Volume 1-Chapter B) followed by a number representing the State. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

A large portion of the Housing information compiled from the 1980 Census of Population and Housing will appear in Volume 1, *Characteristics of Housing Units*, of which this report is part.

The total housing unit and population estimates for the various geographic entities shown here may differ from those shown in the *Advance Reports*, PHC80-V. The differences reflect corrections of

errors found after the PHC80-V reports were prepared. The changes may affect any geographic area shown in this report. Small differences may also result from the weighting techniques used to inflate the sample figures shown in this report to 100-percent totals. For further discussion of the estimation procedure, see Appendix D, "Accuracy of the Data."

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 census data and the 1970 census data for most characteristics. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

CONTENTS OF THE REPORT

This report contains text (this introduction and 6 appendixes), a table of contents, 49 detailed tables, and 2 allocation tables. In reports showing data on towns and townships, an additional 26 detailed tables and an allocation table are included.

A map of the State appears after the table of contents and shows county names and boundaries, the names and boundaries of SCSA's and SMSA's, the names and locations of all places with a population of 25,000 or more, and SMSA central cities with fewer than 25,000 inhabitants. Then follow the

detailed tables and the tables covering allocations. The first table in this report is table 54; tables 1 to 53 appear in the Series HC80-1-A, *General Housing Characteristics* report for this State.

Each table is identified by a table number and title. The "stubhead" at the left under the title defines the types of geographic areas for which data are shown in the particular table and is considered part of the table title. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports. In the Alaska report, the subdivision map also shows the names and locations of Alaska Native villages.

A table finding guide lists the characteristics and various race/Spanish origin groups covered in this report and shows the tables in which the various types of statistics appear.

The amount of detail presented in this report is generally greater for larger places than for smaller ones. The greatest amount of detail is shown for the State and its urban and rural parts and for SCSA's, SMSA's, urbanized areas, places with a population of 10,000 or more, and counties. Somewhat less detail is shown for places of 2,500 to 10,000 and for rural and rural farm portions of counties. The least amount of detail is shown for American Indian reservations and, in Alaska, for Alaska Native villages.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., urban and rural residence, census designated places, and urbanized areas). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data, editing procedures, and a descrip-

tion of allocation tables B-1 and B-2, Appendix E contains facsimiles of the respondent instructions and 1980 census questionnaire pages showing the population and housing questions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Medians and Percents)

This report presents medians and percents as well as certain ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. Percents and other derived measures which round to less than 0.1 are not shown but indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth, for persons to the nearest hundredth, for value to the nearest hundred dollar, and for income, selected monthly owner costs, contract rent, and gross rent to the nearest dollar. In computing medians for rooms and persons in unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded.

The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than

\$10,000,” it is shown as “10,000—.” When the median falls in the upper terminal category of an open-ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$200,000 or more,” it is shown as “200,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individuals or housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SCSA is standard consolidated statistical area.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: estimates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100 percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

Census of Housing

Detailed Housing Characteristics

HAWAII

HC80-1-B13

Contents

(Page numbers listed here omit the State prefix number which appears as part of the page number for each page. The prefix for the State is 13)

MAP	Page
Standard Metropolitan Statistical Area, Counties, Principal Islands, and Selected Places	5

TABLES

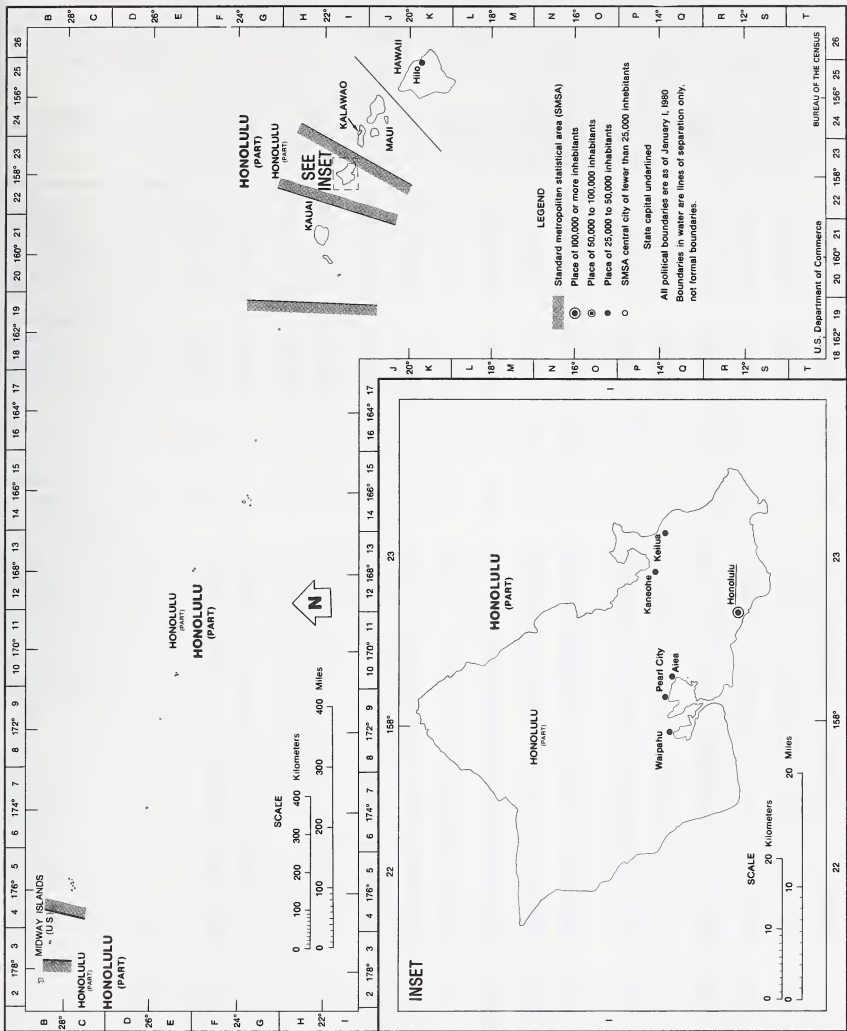
54. Summary of Detailed Housing Characteristics: 1980	7
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980	8
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980	9
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	

TABLES	Page
57. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980	10
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980	11
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
59. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980	12
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
60. Structural Characteristics: 1980	13
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
61. Equipment and Plumbing Facilities: 1980	14
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	

TABLES	Page	TABLES	Page
62. Fuels and Financial Characteristics: 1980.	15	72. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980.	25
The State		The State	
Urban and Rural and Size of Place			
Inside and Outside SMSA's			
63. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder: 1980	16	73. Structural Characteristics for Areas and Places: 1980	26
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
64. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder: 1980	17	74. Equipment and Plumbing Facilities for Areas and Places: 1980	27
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
65. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin: 1980	18	75. Fuels and Financial Characteristics for Areas and Places: 1980	28
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
66. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race: 1980.	19		
The State		76. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980.	29
		SCSA's	
67. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980.	20	SMSA's	
The State		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
68. Fuels and Financial Characteristics of Housing Units With a White Householder: 1980	21	77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980.	30
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
69. Fuels and Financial Characteristics of Housing Units With a Black Householder: 1980.	22		
The State		78. Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980	31
Urban and Rural and Size of Place		SCSA's	
Inside and Outside SMSA's		SMSA's	
		Urbanized Areas	
70. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin: 1980	23	Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]	
The State			
Urban and Rural and Size of Place			
Inside and Outside SMSA's			
71. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race: 1980.	24		
The State			

TABLES	Page	TABLES	Page
79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980	32	85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980	38
SCSA's		SCSA's	
SMSA's		SMSA's	
Urbanized Areas		Urbanized Areas	
Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
80. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980	33	86. Structural Characteristics for Places of 10,000 to 50,000 Inhabitants: 1980	39
SCSA's		Places	
SMSA's		87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000 Inhabitants: 1980	40
Urbanized Areas		Places	
Places of 50,000 or More Inhabitants and Central Cities of SMSA's		88. Fuels and Financial Characteristics for Places of 10,000 to 50,000 Inhabitants: 1980	41
81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980	34	Places	
SCSA's		89. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000 Inhabitants: 1980	42
SMSA's		Places [1,000 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
Urbanized Areas		90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000 Inhabitants: 1980	46
Places of 50,000 or More Inhabitants and Central Cities of SMSA's		Places [1,000 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980	35	91. Selected Characteristics for Places of 2,500 to 10,000 Inhabitants: 1980	50
SCSA's		Places	
SMSA's		92. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000 Inhabitants: 1980	52
Urbanized Areas		Places [400 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
Places of 50,000 or More Inhabitants and Central Cities of SMSA's		93. Structural Characteristics for Counties: 1980	58
83. Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980	36	Counties	
SCSA's		94. Equipment and Plumbing Facilities for Counties: 1980	59
SMSA's		Counties	
Urbanized Areas		95. Fuels and Financial Characteristics for Counties: 1980	60
Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]		Counties	
84. Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980	37	96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980	61
SCSA's		Counties [400 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
SMSA's			
Urbanized Areas			
Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]			

TABLES	Page	TABLES	Page
97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980	63	102. Selected Characteristics of American Indian Reservations: 1980	69
Counties [400 or More Inhabitants of the Specified Racial or Spanish Origin Group]		Reservations	
98. Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980 . . .	65	B-1. Computer Allocation Rates for Nonresponse or Inconsistency: 1980	70
The State		The State	
Counties		Urban and Rural and Size of Place	
99. Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980 . . .	66	Inside and Outside SMSA's	
The State		B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More Inhabitants, and Counties: 1980	71
Counties		The State	
100. Selected Characteristics of Rural Housing Units: 1980	67	Urban and Rural and Size of Place	
The State		Inside and Outside SMSA's	
Counties		SCSA's	
101. Selected Characteristics of Rural Farm Housing Units: 1980	68	SMSA's	
The State		Urbanized Areas	
Counties		Places of 2,500 or More Inhabitants	
		Counties	

**Standard Metropolitan Statistical Area, Counties,
Principal Islands, and Selected Places**

CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

In tables 54-59, 62, 68-72, 75, 81-85, 88, 90-92, 95, 97, and 100-102, the median selected monthly owner costs may be shown incorrectly as \$400+ or \$1000+. Any such incorrect median has been marked ~~\$400+~~ or ~~\$1000+~~ to indicate the error. The correct median is less than \$50 (\$50-).

Median income figures for occupied housing units in this report were calculated using linear interpolation. This differs from the methodology used in other 1980 census reports. In the other reports median income figures less than \$30,000 were derived through linear interpolation; median income values of \$30,000 or more were derived using Pareto interpolation.

Table 54. Summary of Detailed Housing Characteristics: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units										Occupied housing units					
	Percent with—										Percent with—				Median gross rent (dollar), specified renter occupied	
	Year structure built										Householder moved into unit					
	1970 to March 1980	1939 or earlier	Source of water by public system or private company	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete baths	3 or more bedrooms	1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged			
Total	1970 to March 1980	1939 or earlier	38.1	98.5	81.5	8.0	18.1	97.1	46.9	Total	26.8	89.6	463	110	311	
332 205	38.9	10.5	38.1	98.5	81.5	8.0	18.1	97.1	46.9	294 052	26.8	89.6	463	110	311	
THE STATE																
URBAN AND RURAL AND SIZE OF PLACE																
Urban	279 226	37.1	8.8	40.8	99.7	89.7	9.1	20.0	98.0	45.6	253 798	26.8	89.7	476	115	315
Inside urbanized areas	228 145	34.4	8.4	43.2	99.8	95.9	10.2	22.2	98.1	44.9	210 678	27.1	88.7	499	120	316
Outside urbanized areas	161 505	31.6	9.8	51.0	99.8	97.8	9.3	24.0	97.8	36.7	146 015	25.6	85.7	501	123	310
Urban fringe	66 640	41.1	5.1	24.1	99.7	91.5	12.4	17.6	96.7	64.8	64 663	30.5	95.6	497	113	335
Outside urbanized areas	51 081	49.4	10.6	30.1	99.5	81.7	3.9	10.6	97.5	54.4	43 120	25.5	91.1	397	101	312
Places of 10,000 or more	19 362	36.0	15.3	22.1	99.8	60.8	6.1	3.7	96.1	61.0	18 408	21.9	90.6	380	99	277
Places of 2,500 to 10,000	31 719	57.7	7.8	34.9	99.3	62.2	2.6	14.9	98.3	50.3	34 712	28.2	91.5	415	104	335
Rural	52 979	48.0	19.7	24.3	99.1	38.4	2.5	8.1	92.9	48.2	40 254	26.8	92.8	386	93	267
Places of 1,000 to 2,500	13 998	45.1	19.4	33.7	98.4	50.5	1.5	7.0	95.1	44.5	10 208	25.0	90.9	339	94	272
Other rural	38 991	49.0	19.7	20.9	98.6	34.0	2.9	8.5	92.1	47.9	30 046	27.9	92.3	398	92	266
Form	1 412	28.3	24.0	—	79.7	1.8	1.4	0.8	84.9	67.9	1 412	7.9	96.5	373	102	197
INSIDE AND OUTSIDE SMSA'S																
Inside SMSA's	250 864	35.2	8.4	41.5	99.7	92.7	9.7	21.1	98.1	45.8	230 214	27.4	88.9	494	119	315
Outside SMSA's	241 813	35.2	8.3	42.2	99.7	94.4	9.9	21.5	98.1	45.7	222 500	27.2	88.8	494	119	316
Central cities	141 865	32.7	10.7	55.6	99.8	98.2	9.7	25.8	97.6	32.0	127 199	23.1	94.0	500	123	301
Not in central cities	99 948	38.9	4.8	23.3	99.6	88.9	10.2	15.9	98.8	65.0	95 361	28.6	95.2	490	114	345
Rural	9 051	35.0	12.7	22.8	98.0	48.2	5.1	8.9	97.9	50.2	7 714	34.5	91.3	485	101	292
Outside SMSA's	81 361	50.1	17.1	27.6	94.9	46.9	2.8	9.1	94.2	50.0	63 858	24.5	92.4	382	96	286
Urban	37 413	49.4	12.3	31.2	99.8	59.4	3.6	10.5	96.9	52.7	31 298	24.1	91.5	391	101	309
Rural	43 928	50.7	21.1	24.6	90.7	36.3	2.0	7.9	91.8	47.8	32 560	25.0	93.2	369	92	254
SMSA'S																
Honolulu, Hawaii	250 864	35.2	8.4	41.5	99.7	92.7	9.7	21.1	98.1	45.8	230 214	27.4	88.9	494	119	315
Urban	241 813	35.2	8.3	42.2	99.7	94.4	9.9	21.5	98.1	45.7	222 500	27.2	88.8	494	119	316
Rural	9 051	35.0	12.7	22.8	98.0	48.2	5.1	8.9	97.9	50.2	7 714	34.5	91.3	485	101	292
URBANIZED AREAS																
Honolulu, Hawaii	198 895	35.1	9.2	47.1	99.8	96.9	10.7	23.6	97.9	40.9	182 516	27.8	87.4	499	120	310
Kalihi-Konehe, Hawaii	29 250	29.3	3.0	16.6	99.8	89.1	7.2	12.1	99.3	71.5	28 162	22.6	97.1	499	123	376
PLACES OF 2,500 OR MORE																
Ahihama	1 859	68.7	—	20.2	99.4	81.4	6.9	5.5	99.7	72.2	1 763	28.1	97.5	520	128	455
Aiea (CDP)	10 155	41.6	3.5	36.5	99.9	98.3	9.4	24.4	98.8	59.2	9 648	27.0	95.9	482	117	407
Ewa (CDP)	678	—	48.2	3.2	97.7	64.2	14.5	6.6	95.4	52.6	644	5.4	89.6	—	—	90
Ewa Beach (CDP)	2 456	39.7	9.9	15.7	100.0	29.1	12.1	11.2	98.3	65.9	3 365	27.0	96.1	436	99	373
Honolulu (CDP)	832	41.2	4.9	3.1	100.0	11.2	0.7	0.6	88.5	74.8	827	21.5	89.5	306	96	186
Hauula (CDP)	861	22.5	10.0	18.4	100.0	37.7	2.7	0.5	98.0	44.9	844	20.5	90.0	438	104	313
Heale (CDP)	550	39.7	0.7	8.1	100.0	84.1	8.4	0.0	99.7	82.3	1 522	9.7	99.5	601	138	500+
Heale (CDP)	422	6.3	24.1	27.6	100.0	99.5	—	44.4	99.4	66.1	1 302	44.9	98.9	—	—	231
Hickam Housing (CDP)	5 099	89.8	1.2	77.6	100.0	95.5	0.9	33.8	98.7	99.3	11 191	23.5	90.2	500	123	301
Hilo (CDP)	11 763	37.8	16.8	20.7	99.7	37.2	6.2	3.2	96.7	64.4	10 848	26.1	84.0	500	123	301
Honolulu (CDP)	141 865	32.7	10.7	55.6	99.8	98.2	9.7	25.8	97.6	32.0	127 199	23.1	94.0	500	123	301
Ikaika Point (CDP)	1 081	4.5	0.9	1.5	100.0	93.8	2.8	55.6	99.5	88.1	1 081	52.8	99.4	—	—	275
Kalihi (CDP)	914	22.4	5.7	12.1	100.0	43.8	3.6	7.5	100.0	56.5	838	13.2	97.9	479	108	367
Kalihi (CDP)	3 988	38.5	1.6	20.3	100.0	44.1	1.3	7.2	97.8	60.7	3 365	27.0	96.1	436	99	373
Kalihi (CDP)	2 294	86.2	0.9	57.0	99.3	67.6	—	32.5	99.7	29.2	1 530	46.7	88.9	397	116	360
Kalihi (CDP)	11 717	20.8	3.6	14.8	99.9	40.0	4.5	12.8	99.3	70.8	10 662	22.7	96.8	558	122	418
Kalihi (CDP)	847	42.9	17.6	14.3	100.0	18.3	1.5	2.1	96.1	58.3	822	18.0	95.6	452	112	290
Kalihi (CDP)	8 523	28.2	2.2	22.1	100.0	95.0	9.2	9.0	98.3	69.2	8 214	20.9	97.3	414	124	388
Kalihi (CDP)	1 820	45.1	18.7	32.2	99.6	37.9	1.5	2.0	94.9	50.1	1 425	28.4	92.6	345	100	303
Kalihi (CDP)	949	33.4	26.0	2.3	99.8	4.8	0.5	8.6	98.6	66.4	2 134	12.7	100.0	107	88	100+
Kalihi (CDP)	5 099	89.8	1.2	77.6	100.0	95.5	0.9	33.8	98.7	99.3	11 191	23.5	90.2	500	123	301
Kalihi (CDP)	2 279	47.2	15.2	35.4	100.0	85.2	1.3	19.7	97.3	46.7	1 978	18.4	88.1	438	112	378
Kalihi (CDP)	899	69.3	4.4	31.8	99.8	62.4	3.1	2.9	97.2	39.7	823	41.8	88.2	338	161	286
Kalihi (CDP)	1 597	39.7	16.2	25.9	100.0	44.1	1.3	7.2	98.8	60.7	1 389	22.0	98.5	449	99	424
Kalihi (CDP)	1 278	19.7	11.8	14.1	100.0	95.1	3.0	11.8	100.0	60.2	1 264	25.9	91.3	437	95	300
Kalihi (CDP)	3 192	57.6	1.2	52.1	100.0	74.8	5.2	24.7	99.0	26.1	2 010	49.2	85.8	432	99	327
Kalihi (CDP)	2 243	65.1	0.3	7.2	100.0	100.0	1.7	7.1	99.5	69.7	2 136	12.6	100.0	626	93	500+
Kalihi (CDP)	980	54.6	15.0	4.7	100.0	4.5	1.0	—	100.0	63.1	885	14.5	97.9	422	101	433
Kalihi (CDP)	1 423	18.1	2.2	2.1	100.0	93.7	5.0	12.7	99.1	91.4	1 407	18.6	99.3	554	115	500+
Kalihi (CDP)	6 407	90.6	—	24.7	100.0	99.8	7.9	6.9	99.5	69.8	6 289	5.5	98.7	641	113	500
Kalihi (CDP)	1 889	37.7	—	19.3	99.3	99.3	6.1	41.6	99.3	75.8	1 854	51.2	97.7	—	—	239
Kalihi (CDP)	1 898	55.8	2.1	28.0	100.0	36.9	2.8	6.4	99.3	69.5	1 828	22.1	89.6	287	88	337
Kalihi (CDP)	11 362	43.6	0.7	10.9	99.9	99.2	11.2	18.8	99.7	76.1	11 339	22.1	97.6	465	115	429
Kalihi (CDP)	1 254	66.0	3.0	5.0	99.4	19.2	1.4	1.8	99.6	77.1	1 179	23.9	98.5	427	113	424
Kalihi (CDP)	3 583	29.6	9.5	9.9	99.8	98.1	51.5	98.1	99.1	43.6	3 415	52.0	97.4	—	—	248
Kalihi (CDP)	5 546	13.8	12.7	27.0	99.9	97.3	8.9	3.5	96.4	47.8	5 367	31.5	87.2	430	109	282
Kalihi (CDP)	1 116	21.5	32.5	8.3	85.2	16.7	1.7	5.2	96.8	67.0	1 102	12.7	90.2	240	88	266
Kalihi (CDP)	2 081	59.5	—	39.3	99.2	76.2	13.5	8.6	98.3	67.0	1 943	21.4	84.2	400	118	296
Kalihi (CDP)	3 611	27.3	25.5	28.6	100.0	94.5	3.2	4.2	92.2	47.1	3 385	21.8	92.2	377	88	286
Kalihi (CDP)	823	58.2	5.2	25.3	100.0	94.4	18.2	25.5	99.4	66.9	791	33.2	91.3	365	85	180
Kalihi (CDP)	981	27.6	13.4	11.0	100.0	20.0	16.6	3.5	99.4	66.7	949	6.3	94.4	283	137	357
Kalihi (CDP)	7 120	26.7	2.6	33.1	99.8	98.3	14.6	10.5	97.5	52.6	6 939	31.2	90.0	420	99	346
Kalihi (CDP)	1 433	56.0	0.8	69.2	100.0	99.4	9.4	3.3	99.5	31.9	1 359	42.5	93.4	363	119	357
PLACES OF 1,000 OR MORE																
Honolulu, Hawaii	33 969	47.2	20.2	18.3	89.7	30.5	3.2	5.1	91.8	57.5	29 237	26.3	91.6	371	92	261
Urban	250 864	35.2	8.4	41.5	99.7	92.7	9.7	21.1	98.1	45.8	230 214	27.4	88.9	494	119	315
Inside urbanized areas	121	—	77.7	1.7	97.5	1.7	—	2.5	99.9							

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

Occupied housing units															
Percent with—												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
Year structure built															
Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air con- dition- ing	1 or more bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 or March 1980	1 or more vehicles available				With a mort- gage	Not mort- gaged
114 363	40.9	9.1	39.0	97.8	81.0	5.6	21.7	97.5	47.1	36.8	89.8	555	110	359	
96 420	38.9	8.1	43.2	99.7	90.5	6.1	24.4	98.4	46.6	36.4	88.8	580	117	358	
81 586	36.6	7.7	45.8	99.7	95.5	6.6	27.0	98.6	45.3	36.3	88.4	608	123	359	
55 816	33.9	8.5	53.4	99.7	96.8	5.2	28.4	98.3	36.3	33.6	84.5	618	128	359	
25 770	42.7	5.8	29.3	99.9	92.6	9.8	23.9	99.1	64.9	42.3	96.8	477	105	356	
15 034	51.1	10.5	29.0	99.5	63.5	3.3	10.6	98.7	53.8	36.7	91.0	477	105	356	
4 960	39.9	16.7	31.5	99.6	44.9	6.1	4.0	96.1	52.5	34.3	88.5	423	103	358	
10 074	56.6	7.4	27.8	99.5	62.8	2.0	13.8	98.7	54.5	37.8	92.2	412	105	310	
17 743	52.1	14.7	16.6	87.3	29.3	2.7	7.1	92.5	49.3	39.3	95.6	454	93	364	
3 715	44.3	14.8	30.3	96.3	45.0	1.5	5.7	94.6	44.5	41.9	95.0	442	104	375	
14 028	54.2	14.6	13.0	84.9	25.1	3.1	7.5	91.9	50.6	38.6	95.7	455	90	360	
408	37.7	29.2	—	71.8	1.7	1.2	—	80.4	63.5	14.5	100.0	371	82	464	
89 682	37.4	7.6	43.9	99.7	92.9	6.4	25.6	98.6	46.3	36.8	88.8	599	119	358	
85 950	37.3	7.6	44.7	99.7	94.6	6.5	26.2	98.6	46.2	36.4	88.6	603	121	358	
45 997	35.8	9.6	60.3	99.6	97.6	5.4	32.0	98.1	29.5	34.5	81.8	669	130	348	
39 753	39.9	5.2	26.7	99.9	91.1	7.6	19.5	99.2	65.5	38.7	96.4	581	111	372	
3 732	38.4	7.5	25.6	98.3	54.5	5.2	12.5	98.9	48.1	44.4	93.8	497	89	352	
24 681	53.9	14.8	21.5	90.9	37.7	2.7	7.5	93.5	49.9	36.9	92.7	497	99	352	
10 670	51.4	12.5	31.0	99.6	57.5	3.5	9.8	97.0	50.1	35.7	90.5	433	108	358	
14 011	55.8	16.6	14.2	84.3	22.6	2.1	5.7	90.8	49.7	37.9	96.0	435	93	372	
67 070	38.2	8.7	51.6	99.7	96.7	7.2	29.8	98.4	39.8	37.7	86.4	625	124	401	
14 516	29.3	3.2	18.9	99.9	89.6	4.2	13.6	99.4	71.1	30.0	97.5	583	119	401	
788	74.2	—	23.5	99.4	87.2	5.1	6.5	99.4	76.5	30.6	97.3	500	113	500+	
3 948	52.8	1.0	46.0	100.0	98.0	3.5	29.6	98.6	54.5	41.9	96.8	571	138	486	
50	—	88.0	12.0	100.0	74.0	30.0	12.0	100.0	88.0	100.0	—	—	—	—	
1 226	25.9	3.9	14.5	100.0	32.5	6.9	16.0	99.2	71.5	33.4	95.6	460	84	381	
133	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
217	25.3	1.4	11.5	100.0	25.3	2.8	1.8	100.0	38.7	19.8	92.2	575	72	252	
721	45.4	—	13.7	100.0	79.9	4.6	6.2	100.0	86.0	13.7	99.0	699	182	500+	
1 114	4.8	26.3	28.8	100.0	99.7	1.8	46.4	99.2	70.3	44.1	99.1	—	—	342	
3 237	42.0	16.9	29.3	99.4	47.4	6.7	4.0	96.5	56.8	36.5	88.9	436	114	296	
45 997	35.8	9.6	60.3	99.6	97.6	5.4	32.0	98.1	29.5	34.5	81.8	669	130	348	
977	2.9	1.0	1.1	100.0	95.7	3.1	55.8	99.5	90.0	51.4	99.4	—	—	283	
371	34.5	4.3	6.7	100.0	31.8	1.8	5.9	100.0	59.6	21.3	98.4	525	112	388	
795	45.9	2.4	35.3	100.0	100.0	8.1	3.5	97.9	91.1	35.8	83.1	297	88	390	
885	82.1	0.8	44.1	98.1	60.7	—	25.1	99.2	34.2	52.8	86.6	393	114	408	
6 896	18.1	3.8	15.8	100.0	92.4	3.6	13.5	99.3	71.3	27.0	96.9	997	120	449	
4	43.6	19.8	16.5	100.0	21.2	2.7	7.7	96.9	49.6	34.4	96.1	452	100	297	
2 923	40.1	2.6	33.0	100.0	99.9	4.6	5.6	99.1	60.9	44.2	90.9	—	—	331	
34.1	48.7	—	20.9	100.0	27.9	3.7	1.9	92.4	54.5	44.2	90.9	—	—	297	
200	46.5	13.0	3.0	100.0	3.0	16.0	100.0	70.5	20.5	97.7	97.7	293	93	437	
1 278	81.4	1.7	54.8	100.0	91.0	1.6	26.8	98.6	35.6	44.2	97.5	542	120	500+	
865	47.5	11.4	39.8	100.0	79.9	0.7	21.3	96.5	42.5	33.4	83.4	525	120	469	
260	60.0	7.7	25.8	96.2	67.7	—	5.0	100.0	30.4	51.9	93.5	—	—	242	
372	39.2	16.1	22.6	100.0	40.1	—	10.8	98.4	44.6	41.1	88.7	480	166	366	
484	15.5	11.8	14.3	100.0	98.1	—	14.7	100.0	61.2	23.8	94.0	424	101	333	
894	54.5	4.1	55.3	100.0	76.0	4.9	30.0	99.2	29.2	60.0	88.3	444	101	333	
1 324	63.4	0.5	6.8	100.0	100.0	1.8	6.8	100.0	96.5	38.1	100.0	438	99	500+	
531	56.5	16.9	4.3	100.0	5.8	—	—	100.0	64.0	12.6	98.7	495	108	426	
786	15.1	1.7	1.0	99.5	91.3	2.9	13.1	100.0	93.3	25.3	99.1	598	100	500+	
2 630	91.6	—	30.9	100.0	91.0	2.7	3.4	99.7	67.1	98.9	99.9	737	152	500+	
1 514	37.1	—	18.2	99.7	99.7	5.7	40.8	99.5	75.8	51.8	98.2	—	—	242	
451	66.3	2.9	46.6	100.0	62.1	3.3	10.6	99.3	58.3	37.7	85.6	347	67	357	
2 545	39.2	1.5	12.3	100.0	99.4	5.4	21.1	99.6	78.9	36.3	94.3	552	79	432	
476	74.8	1.1	3.2	98.3	18.1	2.5	1.3	100.0	70.4	33.4	100.0	452	115	431	
2 423	26.5	11.5	37.5	99.8	99.4	51.4	19.5	99.2	67.1	51.7	97.4	—	—	256	
1 329	20.7	12.4	37.3	99.8	96.1	3.6	2.9	98.3	36.6	45.1	89.4	488	112	393	
238	13.0	39.1	10.5	93.7	24.4	1.3	4.2	100.0	58.0	33.6	88.2	525	101	339	
496	53.0	1.6	16.5	100.0	72.2	7.5	7.9	100.0	70.6	24.8	83.5	553	133	303	
928	27.7	28.1	35.8	100.0	96.2	2.2	6.4	93.1	38.1	24.7	91.5	378	89	307	
189	53.4	2.6	32.8	100.0	100.0	13.8	19.6	100.0	64.6	12.2	96.1	—	—	173	
280	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 321	28.8	1.4	58.9	100.0	99.3	7.9	13.7	97.3	31.0	53.5	89.5	349	98	361	
611	74.8	—	85.3	100.0	98.5	6.9	4.3	98.9	18.5	47.5	96.2	477	105	366	
11 374	55.1	16.5	16.0	83.5	26.0	2.9	4.9	90.5	53.0	39.2	92.8	410	94	314	
89 682	37.4	7.6	43.9	99.7	92.9	6.4	25.6	98.6	46.3	36.8	88.8	599	119	358	
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3 987	45.5	15.0	11.1	97.9	23.2	1.5	4.5	96.2	54.0	34.2	95.1	486	112	345	
9 312	56.0	12.7	32.6	97.0	58.2	2.9	11.9	95.9	44.3	35.3	94.1	451	102	435	

Table 57. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

Total	Occupied housing units										Median selected monthly owner costs (dollars), occupied owner	Median gross rent (dollars), specified renter occupied		
	Percent with—													
	Year structure built	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available				
													1970 to March 1980	1939 or earlier
987	43.0	10.5	49.1	77.2	83.2	2.7	21.2	94.0	37.2	46.2	81.2	570	145	344
882	40.7	11.1	52.7	100.0	88.5	3.1	22.0	93.3	36.4	45.1	78.9	568	145	341
701	36.9	9.0	53.8	100.0	92.4	3.9	21.5	94.0	36.4	42.8	81.5	576	145	334
465	28.2	12.0	59.8	100.0	92.4	4.5	18.9	91.0	28.2	38.9	73.8	575	145	332
236	54.2	3.0	41.9	100.0	92.4	2.5	26.7	100.0	52.5	50.4	96.6	317	—	360
181	55.2	19.3	48.6	100.0	73.5	—	23.8	90.6	36.5	54.1	69.1	375	—	362
36	27.8	55.6	58.3	100.0	72.2	—	16.7	72.2	41.7	55.6	41.7	—	—	377
145	62.1	10.3	46.2	100.0	73.8	—	25.5	95.2	35.2	53.8	75.9	317	—	372
105	61.9	5.7	19.0	73.3	38.1	—	14.3	100.0	43.8	55.2	100.0	379	—	362
26	23.1	23.1	23.1	100.0	76.9	—	—	100.0	26.3	73.1	100.0	—	—	221
79	74.7	—	17.7	64.6	25.3	—	19.0	100.0	49.4	100.0	—	579	—	369
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
841	40.3	9.3	49.8	100.0	87.8	3.2	22.1	95.0	38.6	43.5	81.1	563	145	342
793	40.0	9.8	49.8	100.0	89.5	3.4	21.6	94.7	37.6	42.6	79.9	568	145	340
359	29.0	15.6	69.6	100.0	94.7	5.8	22.4	90.0	20.1	40.9	68.0	575	225	339
434	49.1	5.1	35.7	100.0	85.3	1.4	20.0	98.6	52.1	44.0	89.9	566	138	339
46	45.8	—	29.2	100.0	58.3	—	31.3	100.0	56.3	58.3	100.0	397	—	359
146	58.2	17.8	45.2	80.8	56.8	—	15.8	88.6	28.6	81.6	81.5	950	—	360
87	57.2	22.5	67.4	100.0	79.8	—	25.8	80.9	25.8	67.4	69.7	—	—	375
59	75.4	10.5	10.5	50.9	21.1	—	—	100.0	33.3	52.6	100.0	—	—	367
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
841	40.3	9.3	49.8	100.0	87.8	3.2	22.1	95.0	38.6	43.5	81.1	563	145	342
793	40.0	9.8	51.1	100.0	89.5	3.4	21.6	94.7	37.6	42.6	79.9	568	145	340
48	45.8	—	29.2	100.0	58.3	—	31.3	100.0	56.3	58.3	100.0	397	—	359
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
577	39.3	10.9	59.3	100.0	93.6	4.7	24.6	93.8	32.1	46.1	78.7	577	225	329
124	25.8	—	28.2	100.0	87.1	—	7.3	95.2	56.5	27.4	94.4	575	138	406
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	45.2	—	83.9	100.0	100.0	19.4	19.4	100.0	35.5	45.2	100.0	—	—	199
18	61.1	—	—	100.0	—	—	—	100.0	—	38.9	100.0	341	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	27.8	55.6	58.3	100.0	72.2	5.8	16.7	72.2	41.7	55.6	41.7	—	—	232
359	29.0	15.6	69.6	100.0	94.7	5.8	23.4	90.0	20.1	40.9	68.0	575	225	341
14	—	—	—	100.0	100.0	—	64.3	100.0	100.0	35.7	100.0	—	—	256
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—
59	17.0	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	100.0	—	—	—
59	22.0	—	22.0	100.0	83.1	—	—	100.0	72.9	32.2	88.1	575	138	500+
47	29.8	—	31.9	100.0	87.2	—	8.5	87.2	34.0	31.9	100.0	525	138	406
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	75.7	—	75.7	100.0	100.0	—	35.1	100.0	—	54.1	54.1	—	—	323
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	100.0	—	50.0	100.0	100.0	—	—	100.0	22.7	77.3	100.0	—	—	464
11	45.5	—	—	100.0	100.0	—	45.5	100.0	100.0	—	100.0	—	—	185
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	100.0	100.0	—	27.8	100.0	100.0	72.2	100.0	—	—	500+
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	53.8	—	100.0	100.0	100.0	—	—	100.0	46.2	—	100.0	—	—	—
24	33.3	—	33.3	100.0	100.0	—	—	100.0	20.8	33.3	66.7	—	—	363
13	—	69.2	—	100.0	100.0	—	—	100.0	30.8	30.8	100.0	—	—	—
25	52.0	24.0	—	100.0	100.0	—	28.0	100.0	52.0	24.0	52.0	754	—	450
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	100.0	—	100.0	100.0	100.0	—	—	100.0	—	100.0	100.0	—	—	410
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
90	64.4	28.9	42.2	68.9	47.8	—	25.6	88.9	37.8	61.1	76.7	—	—	312
841	40.3	9.3	49.8	100.0	87.8	3.2	22.1	95.0	38.6	43.5	81.1	563	145	342
21	28.6	—	71.4	100.0	100.0	—	—	100.0	—	71.4	71.4	—	—	500+
35	60.0	—	37.1	100.0	54.3	—	—	80.0	22.9	57.1	100.0	—	—	375

Table 58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980

(Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.)

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

The State

URBAN AND RURAL AND SIZE OF PLACE

Urban	147 322	31.4	10.2	32.0	99.7	88.0	11.8	14.2	97.7	52.3	19.3	89.5	443	115	284
Inside urbanized areas	120 543	29.5	9.6	35.2	99.8	95.0	13.3	16.2	97.8	49.2	19.4	89.1	465	120	285
Urban fringe	25 94	25.5	11.7	40.7	99.9	98.2	13.1	17.4	97.5	41.8	19.5	86.7	458	122	281
Outside urbanized areas	34 601	39.6	4.6	17.5	99.6	90.2	13.8	13.3	98.4	67.6	18.6	91.4	372	100	275
Places of 10,000 or more	26 779	40.0	12.7	17.5	99.7	97.7	6.5	3.4	96.6	67.4	16.9	91.6	369	96	262
Places of 2,500 to 10,000	13 027	34.2	14.6	16.2	99.9	94.2	5.1	5.1	97.2	65.4	20.2	91.2	375	104	289
Places of 1,000 to 2,500	13 752	45.6	10.8	18.6	99.0	47.6	3.7	6.8	97.7	65.4	15.9	90.5	348	93	137
Other rural	21 349	31.3	30.2	...	99.7	38.7	3.9	3.5	94.4	66.5	16.1	91.6	358	92	207
Places of 1,000 or more	6 205	27.7	30.3	9.3	99.0	32.2	2.0	2.4	94.0	66.1	14.1	88.4	327	92	207
Other rural	15 144	32.8	30.3	6.4	92.9	24.2	4.1	3.1	92.3	64.8	16.6	91.4	363	94	137
Farm	967	24.2	21.4	...	83.6	1.9	1.6	1.2	86.2	71.0	4.9	94.8	407	105	193

INSIDE AND OUTSIDE SMSA's

Inside SMSA's	131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284
Urban	127 413	30.3	10.5	34.4	99.7	93.8	12.9	15.7	97.8	50.1	19.6	89.1	458	119	284
Outside SMSA's	77 480	26.0	12.7	46.0	99.9	98.4	13.4	18.0	97.3	38.1	20.2	85.2	460	120	278
Not in central cities	49 933	37.0	4.5	16.5	99.4	86.8	12.1	9.8	98.7	68.6	18.3	94.7	457	115	314
Rural	6 670	26.5	20.6	10.3	97.3	34.3	5.6	6.0	97.0	59.5	22.0	88.6	456	110	201
Outside SMSA's	37 588	35.6	23.0	11.7	97.2	38.7	3.9	3.5	94.4	66.5	16.1	91.6	376	99	267
Other rural	19 909	38.6	14.8	16.2	99.9	50.7	4.6	6.6	96.6	77.4	17.4	92.1	376	99	267
Rural	17 679	32.3	32.2	6.6	94.2	24.9	3.0	2.2	92.0	66.4	14.7	90.9	335	92	149

SMSA's

Honolulu, Hawaii	131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284
Urban	127 413	30.3	10.5	34.4	99.7	93.8	12.9	15.7	97.8	50.1	19.6	89.1	458	119	285
Rural	3 670	26.5	20.6	10.3	97.3	34.3	5.6	6.0	97.0	59.5	22.0	88.6	456	110	201

URBANIZED AREAS

Honolulu, Hawaii	107 916	29.8	10.5	38.0	99.8	96.8	13.5	16.8	97.5	46.3	20.2	88.2	470	119	282
Kalihi, Kaneohe, Hawaii	12 427	27.0	2.7	11.6	99.8	88.4	11.0	11.0	99.5	73.9	13.1	98.7	444	124	346

PLACES OF 2,500 OR MORE

Ahihima (COP)																
Aiea (COP)																
Ewa Beach (COP)																
Iroquois Point (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																
Kalihi (COP)																

COUNTIES

Hawaii	-----
Honolulu	-----
Kalewaa	-----

Occupied housing units																
Percent with—																
Year structure built				Source of water by public system or private company						Householder moved into unit 1979 to March 1980				Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
1970 to 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bedrooms	1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged					
Total	168 671	31.4	12.7	28.9	99.1	80.2	10.7	12.8	97.0	53.9	18.9	69.7	432	110	276	
147 322	31.4	10.2	32.0	99.7	88.0	11.8	14.2	97.7	52.3	19.3	89.5	443	115	284		
120 543	29.5	9.6	35.2	99.8	95.0	13.3	16.2	97.8	49.2	19.4	89.1	465	120	285		
85 942	25.5	11.7	42.7	99.9	98.2	13.1	17.4	97.5	41.8	19.5	86.7	458	122	281		
34 601	39.6	4.6	16.7	99.6	90.2	13.8	13.3	98.4	67.6	19.2	95.2	473	113	310		
26 779	40.0	12.7	17.5	99.4	52.5	5.1	5.1	97.2	66.3	18.6	91.6	369	98	262		
13 027	34.0	14.6	16.2	99.9	37.7	3.3	3.6	96.6	67.4	16.9	91.2	375	104	289		
15 732	45.4	10.8	18.4	99.0	47.6	3.7	6.8	97.7	65.4	20.2	91.2	375	104	289		
21 349	31.3	30.2	7.2	94.7	26.5	3.5	2.9	92.8	65.2	15.9	90.3	348	97	237		
6 205	27.7	30.3	7.3	99.3	32.2	2.0	2.4	94.0	66.4	14.1	88.4	360	94	137		
15 144	32.8	30.2	6.4	92.9	24.2	4.1	3.1	92.3	64.8	16.6	91.4	360	94	137		
967	24.2	21.4	—	83.6	1.9	1.6	1.2	86.2	71.0	4.9	94.8	407	105	193		
131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284		
127 413	30.3	9.5	34.4	99.7	93.6	12.9	15.7	97.8	50.1	19.6	89.1	458	119	284		
77 480	26.0	12.7	40.0	99.9	98.4	13.4	18.0	97.3	38.1	20.3	85.5	460	121	278		
49 933	37.0	4.5	16.5	99.4	86.8	12.1	12.3	98.7	68.6	18.5	94.7	457	115	310		
3 670	26.5	20.6	10.3	97.5	34.3	5.6	6.0	97.0	59.5	22.0	88.6	456	110	201		
37 988	38.6	22.0	11.7	92.2	38.7	3.9	5.5	94.6	66.5	16.1	91.6	358	95	219		
17 029	38.6	14.8	16.2	99.0	50.9	4.7	4.6	96.6	66.6	17.4	92.1	376	99	267		
17 679	37.3	32.2	6.6	94.1	24.9	3.0	2.2	92.0	66.4	14.7	90.9	355	92	145		
131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284		
127 413	30.3	9.5	34.4	99.7	93.6	12.9	15.7	97.8	50.1	19.6	89.1	458	119	284		
3 670	26.5	20.6	10.3	97.5	34.3	5.6	6.0	97.0	59.5	22.0	88.6	456	110	201		
107 916	29.8	10.5	38.0	99.8	96.8	13.5	16.8	97.5	46.3	20.2	88.2	470	119	281		
12 627	27.0	2.7	11.6	99.8	88.4	11.0	11.0	99.5	73.9	13.1	96.7	444	124	346		
900	60.8	—	16.7	99.3	74.9	9.2	5.0	100.0	70.6	25.0	98.6	529	135	399		
5 408	31.7	5.8	25.1	99.7	98.3	13.6	21.4	98.9	66.8	16.0	90.0	440	115	349		
1 034	50.1	46.2	2.7	96.7	62.6	13.0	4.2	94.9	51.3	6.0	88.5	421	91	—		
687	40.9	2.9	16.0	100.0	26.2	16.0	7.9	100.0	61.1	23.2	96.4	421	91	18		
485	22.7	10.9	3.8	100.0	10.3	0.9	0.7	97.4	47.6	21.4	87.2	404	130	299		
58	48.8	4.4	10.3	100.0	41.0	1.6	—	100.0	43.1	58.0	100.0	528	121	333		
77 492	35.6	16.4	3.3	100.0	88.5	12.4	11.3	99.5	77.7	6.3	96.0	423	122	368		
7 692	35.6	16.4	14.3	99.9	100.0	6.4	27.9	97.3	70.5	17.6	91.2	394	102	244		
37	40.0	12.7	46.0	99.9	98.4	13.4	18.0	97.3	38.1	20.3	85.5	460	121	278		
37	43.2	—	13.5	100.0	73.0	—	54.1	100.0	43.2	73.0	100.0	605	121	45		
444	14.2	3.4	12.4	100.0	51.8	4.3	10.6	100.0	54.7	5.9	97.7	447	105	346		
2 944	35.5	13.3	13.3	100.0	100.0	8.6	10.0	97.8	69.5	12.4	92.1	297	96	346		
999	15.1	2.2	43.6	100.0	54.9	—	21.9	100.0	46.2	38.6	92.2	417	275	322		
3 415	22.4	3.3	9.0	100.0	97.7	6.5	13.8	99.6	73.6	11.6	94.7	496	127	346		
5 047	19.0	2.0	13.4	100.0	95.9	12.5	11.7	99.7	76.3	12.7	96.7	398	124	346		
1910	32.0	23.4	1.7	99.2	23.4	1.0	3.0	93.8	60.8	19.6	90.0	343	109	244		
693	31.7	30.6	13.2	100.0	30.4	6.4	7.9	97.3	51.6	21.8	91.8	313	86	106		
3 585	90.5	—	38.1	100.0	84.6	1.2	10.9	97.9	51.6	31.5	94.9	512	128	48		
1 089	37.7	22.4	18.1	100.0	85.9	2.3	10.0	96.8	65.3	6.2	91.6	396	111	217		
550	72.7	3.6	38.2	100.0	61.5	5.1	2.4	96.4	40.7	18.5	85.5	317	165	214		
993	33.1	18.2	16.3	100.0	36.9	9.9	2.5	98.1	66.8	13.9	91.1	439	87	214		
751	34.8	10.0	9.6	100.0	93.1	5.6	9.6	100.0	63.0	26.8	89.2	439	138	200		
920	30.9	—	32.3	100.0	55.3	6.4	9.3	98.8	45.7	39.0	84.9	435	72	500		
748	62.7	9.2	6.8	100.0	6.8	3.0	—	100.0	64.1	15.1	96.6	—	—	—		
537	56.7	9.2	21.1	98.4	96.6	7.9	11.8	98.7	89.3	22.2	99.9	603	111	43		
1 355	90.3	—	16.0	89.0	89.0	26.5	43.8	100.0	46.6	57.5	100.0	—	—	—		
3 283	52.5	2.0	18.8	100.0	26.0	3.0	5.7	99.1	74.3	15.1	91.2	283	91	33		
8 280	44.9	0.4	9.8	99.9	99.1	13.4	18.7	99.6	76.1	17.1	99.9	464	118	4		
760	56.6	4.8	4.0	100.0	16.0	0.9	2.5	98.1	65.2	16.4	97.3	421	111	2		
309	36.6	—	48.5	100.0	97.5	53.0	20.8	100.0	51.0	46.5	98.5	—	—	—		
3 290	7.8	13.3	15.6	100.0	97.9	11.2	4.3	95.6	59.4	19.6	91.4	235	88	1		
822	24.6	27.7	14.3	93.5	35.6	1.9	5.5	99.1	52.4	4.4	84.6	420	107	2		
1	32.6	3.3	31.4	100.0	74.7	16.6	8.6	98.4	68.2	18.9	85.6	320	115	2		
2 391	27.0	24.8	23.6	100.0	93.4	4.0	4.7	92.9	58.5	20.2	90.5	377	88	1		
3 977	63.3	3.5	11.4	100.0	99.8	21.5	14.4	95.5	59.3	23.6	88.4	372	91	1		
465	39.1	6.0	11.4	100.0	17.7	21.8	4.7	99.1	73.7	1.7	93.5	261	138	—		
5 127	26.3	3.2	23.3	99.7	98.0	17.2	10.6	97.2	61.8	22.9	94.3	343	99	4		
531	30.5	—	36.7	100.0	100.0	13.7	4.0	100.0	60.8	24.5	94.0	348	123	—		
17 119	36.5	24.9	10.7	95.0	26.2	4.1	2.3	93.8	69.5	17.3	91.0	351	92	21		
131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284		
63	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284		
751	34.8	10.0	9.6	100.0	93.1	5.6	9.6	100.0	63.0	26.8	89.2	439	138	200		
920	30.9	—	32.3	100.0	55.3	6.4	9.3	98.8	45.7	39.0	84.9	435	72	500		
748	62.7	9.2	6.8	100.0	6.8	3.0	—	100.0	64.1	15.1	96.6	—	—	—		
537	56.7	9.2	21.1	98.4	96.6	7.9	11.8	98.7	89.3	22.2	99.9	603	111	43		
1 355	90.3	—	16.0	89.0	89.0	26.5	43.8	100.0	46.6	57.5	100.0	—	—	—		
3 283	52.5	2.0	18.8	100.0	26.0	3.0	5.7	99.1	74.3	15.1	91.2	283	91	33		
8 280	44.9	0.4	9.8	99.9	99.1	13.4	18.7	99.6	76.1	17.1	99.9	464	118	4		
760	56.6	4.8	4.0	100.0	16.0	0.9	2.5	98.1	65.2	16.4	97.3	421	111	2		
309	36.6	—	48.5	100.0	97.5	53.0	20.8	100.0	51.0	46.5	98.5	—	—	—		
3 290	7.8	13.3	15.6	100.0	97.9	11.2	4.3	95.6	59.4	19.6	91.4	235	88	1		
822	24.6	27.7	14.3	93.5	35.6	1.9	5.5	99.1	52.4	4.4	84.6	420	107	2		
1	32.6	3.3	31.4	100.0	74.7	16.6	8.6	98.4	68.2	18.9	85.6	320	115	2		
2 391	27.0	24.8	23.6	100.0	93.4	4.0	4.7	92.9	58.5	20.2	90.5	377	88	1		
3 977	63.3	3.5	11.4	100.0	99.8	21.5	14.4	95.5	59.3	23.6	88.4	372	91	1		
465	39.1	6.0	11.4	100.0	17.7	21.8	4.7	99.1	73.7	1.7	93.5	261	138	—		
5 127	26.3	3.2	23.3	99.7	98.0	17.2	10.6	97.2	61.8	22.9	94.3	343	99	4		
531	30.5	—	36.7	100.0	100.0	13.7	4.0	100.0	60.8	24.5	94.0	348	123	—		
17 119	36.5	24.9	10.7	95.0	26.2	4.1	2.3	93.8	69.5	17.3	91.0	351	92	21		
131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284		
63	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284		
751	34.8	10.0	9.6	100.0	93.1	5.6	9.6	100.0	63.0	26.8	89.2	439	138	200		
920	30.9	—	32.3	100.0	55.3	6.4	9.3	98.8	45.7	39.0	84.9	435	72	500		
748	62.7															

Table 59. **Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

Occupied housing units															
Percent with—													Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
Year structure built															
1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air condition- ing	1 or more complete baths	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available	With a mort- gage	Not mort- gaged			
Total	16 968	36.8	10.6	37.1	98.3	77.7	12.9	12.4	96.2	45.5	31.1	87.6	439	107	307
14 156	36.1	8.0	41.8	99.4	86.9	14.4	14.3	96.8	42.8	22.9	87.0	452	120	311	
10 918	33.5	7.3	46.2	99.4	93.7	17.4	16.6	96.8	38.3	33.1	86.4	483	135	311	
6 236	38.6	9.1	58.6	99.6	97.5	16.9	16.8	98.2	52.1	33.0	92.4	476	137	311	
4 682	40.0	4.8	29.7	99.2	88.5	18.1	18.8	96.5	28.0	33.2	81.8	476	137	311	
3 238	45.0	10.3	26.9	99.1	64.2	4.4	6.4	96.5	57.8	32.1	89.3	416	130	312	
1 106	39.2	17.1	32.0	100.0	72.9	5.5	3.0	94.7	47.3	31.9	89.2	439	102	276	
2 132	47.7	6.8	24.2	98.6	59.7	3.8	8.1	97.4	63.3	32.3	89.4	420	104	330	
2 812	40.1	24.1	13.4	92.7	31.5	5.3	3.1	93.5	59.5	22.3	90.2	364	92	258	
706	37.3	26.2	22.0	96.9	49.2	6.1	2.4	92.8	51.0	21.5	86.1	343	103	286	
2 106	41.1	23.4	10.5	91.4	25.5	5.0	3.3	93.8	62.3	22.6	91.6	377	90	253	
57	38.6	47.4	—	49.1	—	—	—	—	70.2	41.9	10.5	91.2	198	—	500+
12 924	34.4	7.6	43.2	99.0	89.1	15.7	14.9	97.1	41.8	33.3	86.3	490	124	311	
12 223	34.4	7.1	44.1	99.3	91.4	16.1	15.4	97.0	41.3	33.2	86.2	481	129	311	
701	35.1	16.4	26.5	94.4	50.1	9.1	6.1	99.1	50.2	35.2	87.2	672	103	274	
6 778	37.7	4.9	29.1	99.0	86.2	15.2	13.2	97.9	54.9	32.7	91.5	476	137	301	
701	35.1	16.4	26.5	94.4	50.1	9.1	6.1	99.1	50.2	35.2	87.2	672	103	274	
4 044	44.4	20.2	17.4	95.9	41.2	3.9	4.3	93.4	57.4	24.3	91.8	369	93	275	
1 933	47.3	13.1	27.0	100.0	58.9	3.7	6.8	95.5	51.8	31.1	92.3	377	96	286	
2 111	41.8	26.6	9.0	92.2	25.3	4.0	2.1	91.7	62.5	18.0	91.2	342	91	240	
12 924	34.4	7.6	43.2	99.0	89.1	15.7	14.9	97.1	41.8	33.3	86.3	490	124	311	
12 223	34.4	7.1	44.1	99.3	91.4	16.1	15.4	97.0	41.3	33.2	86.2	481	129	311	
701	35.1	16.4	26.5	94.4	50.1	9.1	6.1	99.1	50.2	35.2	87.2	672	103	274	
9 616	34.3	7.6	49.0	99.4	94.1	17.8	17.1	97.0	36.4	33.8	85.1	494	134	307	
1 302	27.5	4.7	25.5	99.6	90.2	14.4	12.6	95.7	52.6	28.1	95.5	398	139	345	
105	44.8	—	31.4	95.2	62.9	10.5	—	95.2	39.0	48.6	90.5	375	—	430	
579	50.6	1.2	48.0	99.5	98.1	17.3	23.8	100.0	45.9	32.6	92.4	516	160	350	
58	51.7	—	20.7	100.0	74.1	39.7	—	98.8	62.3	23.3	100.0	470	140	361	
416	40.4	3.8	9.1	100.0	26.2	14.4	11.5	98.8	62.3	23.3	100.0	470	140	361	
32	21.9	—	—	100.0	—	—	—	84.4	50.0	21.9	78.1	475	—	336	
75	62.7	—	24.0	100.0	33.3	—	—	100.0	60.0	33.3	100.0	604	—	361	
27	18.5	—	—	100.0	100.0	—	—	100.0	100.0	18.5	100.0	355	—	219	
46	—	8.7	39.1	100.0	100.0	—	—	100.0	58.7	37.0	100.0	369	107	244	
697	41.9	18.5	31.3	100.0	58.5	2.7	3.6	96.7	50.6	35.3	85.9	369	107	244	
5 445	30.2	10.0	62.9	99.5	97.7	17.3	18.2	95.8	44.5	33.8	79.7	471	137	303	
60	20.0	—	8.3	100.0	75.0	8.3	4.6	100.0	71.7	61.7	100.0	—	—	218	
27	—	2.8	18.5	100.0	40.7	—	18.5	100.0	55.6	—	100.0	—	—	440	
176	43.2	2.8	29.5	100.0	100.0	23.9	4.5	82.4	44.9	21.6	100.0	429	225	424	
167	72.5	3.6	25.7	100.0	48.5	—	15.6	100.0	42.3	34.1	94.0	347	—	344	
393	16.3	1.0	29.0	100.0	100.0	11.5	4.8	96.9	56.0	33.6	96.4	466	133	361	
82	42.7	15.9	11.0	100.0	19.5	—	—	90.2	48.8	30.5	93.9	411	138	219	
398	18.6	4.8	29.1	100.0	92.7	16.6	4.8	94.2	47.2	24.1	97.5	504	144	373	
16	50.7	10.4	13.4	100.0	13.4	—	—	85.1	28.4	40.3	100.0	138	63	357	
67	50.7	10.4	13.4	100.0	13.4	—	—	85.1	28.4	40.3	100.0	138	63	357	
139	82.7	8.6	43.9	100.0	85.6	5.0	28.8	100.0	51.8	38.8	95.7	504	—	500+	
56	66.1	8.9	19.6	100.0	100.0	—	—	14.3	87.5	41.1	—	100.0	344	138	—
24	29.2	16.7	—	100.0	—	—	—	—	100.0	100.0	54.2	100.0	425	163	—
200	22.5	7.5	11.5	100.0	97.0	5.0	10.5	100.0	72.5	38.5	94.0	515	111	301	
297	38.0	4.0	30.3	100.0	70.4	3.4	7.1	100.0	50.8	40.7	71.0	403	100	326	
173	54.9	—	9.8	100.0	100.0	—	2.9	97.7	97.7	27.7	100.0	613	—	—	
70	55.7	—	10.0	100.0	10.0	5.7	—	100.0	60.0	30.0	100.0	414	104	—	
16	37.5	—	31.3	100.0	100.0	—	—	31.3	68.0	30.0	100.0	414	104	—	
356	93.0	—	22.4	100.0	100.0	12.6	9.8	98.3	59.6	23.3	96.1	611	137	350	
152	51.3	—	32.3	100.0	100.0	13.2	56.6	96.1	67.1	36.6	92.8	—	—	228	
244	47.5	2.0	44.3	100.0	53.7	6.1	7.8	97.1	55.3	35.7	77.9	285	110	304	
692	37.1	—	21.5	100.0	99.4	16.5	22.1	100.0	63.3	25.9	96.5	422	101	304	
88	46.6	—	12.5	100.0	31.8	—	—	100.0	90.9	23.9	100.0	399	85	475	
338	38.8	3.0	19.5	100.0	97.6	51.2	17.2	96.2	50.6	61.2	100.0	439	—	—	
536	19.4	14.0	24.3	100.0	92.5	13.6	0.9	96.1	37.3	42.0	81.5	492	119	293	
89	21.3	44.9	14.6	67.4	14.6	5.6	5.6	87.6	93.3	6.7	70.0	379	113	313	
227	47.6	4.0	25.2	100.0	85.9	13.2	1.8	96.7	63.0	33.5	77.9	392	119	293	
233	31.3	23.6	36.1	100.0	95.3	—	—	97.9	39.1	29.6	96.4	489	75	169	
135	53.3	11.9	14.8	100.0	91.9	20.0	17.8	96.3	39.3	16.3	89.6	363	75	169	
40	30.0	42.5	—	100.0	17.5	45.0	15.0	100.0	57.5	—	—	500	158	—	
706	42.7	2.1	39.2	98.6	99.2	14.7	5.9	99.4	44.8	33.0	83.9	483	113	321	
118	49.2	—	65.3	100.0	100.0	11.9	5.9	94.1	40.7	53.4	89.0	475	—	383	
1 850	43.9	23.4	16.4	91.9	35.6	2.3	3.6	92.5	60.9	26.3	88.4	329	88	246	
12 924	34.4	7.6	43.2	99.0	89.1	15.7	14.9	97.1	41.8	33.3	86.3	490	124	311	
813	41.7	12.4	12.1	99.3	17.5	3.3	4.8	91.9	54.6	20.9	94.8	431	98	285	
1 381	46.7	20.4	22.5	99.3	63.1	6.2	5.1	95.6	54.4	23.5	94.4	388	101	312	

Table 60. Structural Characteristics: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

The State Urban and Rural and Size of Place Inside and Outside SMSA's

YEAR STRUCTURE BUILT

	The State	Total	Urban				Rural			
			Inside urbanized areas		Outside urbanized areas		Total	Places of 10,000 or more	Places of 2,500 to 10,000	Places of 1,000 to 2,500
			Total	Control cities	Urban fringe					Rural farm
1979 to 1980	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1975 to 1978	16 088	11 155	7 499	5 039	2 460	921	2 735	4 933	929	27
1970 to 1974	67 369	35 684	26 696	18 101	8 595	2 232	6 744	10 014	2 849	209
1965 to 1969	45 679	26 679	18 444	12 746	5 701	1 991	8 211	10 490	3 440	163
1960 to 1964	87 356	80 073	69 391	49 110	20 281	4 889	5 793	7 283	742	210
1955 to 1959	52 970	47 797	41 924	30 437	11 487	2 704	3 169	5 173	1 734	177
1950 to 1954	23 003	19 162	15 042	10 464	4 578	1 000	1 993	4 675	620	201
1945 to 1949	35 046	24 635	19 204	15 810	3 396	2 957	2 472	10 411	2 320	339
1939 or earlier	155 216	130 418	105 360	69 755	35 405	11 075	13 983	21 498	5 372	1 015
1979 to March 1980	6 383	4 650	3 250	1 400	850	465	935	1 733	162	27
1975 to 1978	19 732	15 073	10 995	6 247	4 748	1 551	3 127	4 059	861	202
1970 to 1974	33 112	28 174	22 587	12 715	9 872	1 942	3 645	4 938	1 134	144
1965 to 1969	42 418	38 995	32 918	20 854	12 064	2 854	3 223	3 423	792	177
1960 to 1964	23 558	20 129	14 763	9 366	4 398	1 938	1 471	2 361	711	175
1955 to 1959	10 854	9 341	7 658	6 711	947	840	723	1 513	498	116
1950 to 1954	13 498	10 027	7 823	7 065	758	1 345	859	3 471	1 174	174
1939 or earlier	142 136	123 380	105 318	76 260	29 558	7 333	10 729	18 756	4 836	397
1979 to March 1980	3 340	2 570	1 718	760	403	308	544	770	139	19
1975 to 1978	16 127	13 993	11 970	8 311	6 659	604	1 419	2 134	564	7
1970 to 1974	25 744	22 904	18 453	12 413	6 460	1 691	2 760	2 840	563	19
1965 to 1969	37 556	35 888	31 610	19 784	994	1 782	2 118	2 368	521	33
1960 to 1964	24 354	22 128	19 980	14 160	5 820	689	1 459	2 226	697	88
1955 to 1959	15 270	12 650	10 739	7 803	2 936	785	1 126	2 620	977	85
1950 to 1954	19 345	13 547	10 648	8 140	2 508	1 472	1 427	5 798	1 333	165
1939 or earlier	12 585	13 547	10 648	8 140	2 508	1 472	1 427	5 798	1 333	165

BEDROOMS

1979 to 1980	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1975 to 1978	22 823	19 540	17 010	16 254	9 756	1 120	1 430	3 263	884	31
1970 to 1974	12 630	14 099	14 484	40 305	30 308	5 997	2 190	2 989	625	129
1965 to 1969	89 601	75 046	62 473	45 736	16 737	4 232	3 341	14 555	4 013	293
1960 to 1964	112 000	91 622	69 800	43 363	30 173	7 917	9 319	20 348	4 981	383
1955 to 1959	34 729	30 549	25 635	19 600	10 360	1 562	2 034	4 040	1 060	77
1950 to 1954	8 943	7 935	6 922	4 794	2 128	541	472	1 008	238	104
1939 or earlier	151 516	130 418	105 360	69 755	35 405	11 075	13 983	21 498	5 372	1 015
1979 to March 1980	2 261	1 835	1 732	1 611	1 317	38	45	476	19	19
1975 to 1978	12 630	11 180	10 168	8 386	4 386	780	828	1 452	303	101
1970 to 1974	24 313	25 892	22 416	16 590	5 826	1 280	2 087	4 201	856	181
1965 to 1969	74 698	62 889	46 932	27 405	19 456	2 377	4 002	8 556	2 169	218
1960 to 1964	24 934	22 013	18 517	11 436	6 681	1 579	1 522	2 921	603	224
1955 to 1959	7 250	6 591	5 775	4 075	1 700	425	391	659	200	72
1950 to 1954	142 136	123 380	105 318	76 260	29 558	7 333	10 729	18 756	4 836	397
1939 or earlier	14 364	13 008	11 273	10 181	692	818	856	1 566	498	12
1979 to March 1980	37 842	34 339	30 157	26 156	4 021	1 749	2 454	503	895	28
1975 to 1978	47 268	41 269	35 323	25 069	10 163	2 489	3 548	5 999	1 828	112
1970 to 1974	72 132	25 473	20 637	10 566	10 051	1 711	3 125	6 999	4 165	248
1965 to 1969	9 050	8 059	6 974	5 155	4 319	985	690	691	260	48
1960 to 1964	1 500	1 232	1 045	633	412	111	76	268	36	32
1939 or earlier	1 500	1 232	1 045	633	412	111	76	268	36	32

STORIES IN STRUCTURE

1979 to 1980	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1 to 3	270 830	221 039	174 467	111 618	62 849	18 223	28 349	49 791	12 438	1 412
4 to 6	14 445	12 483	9 485	8 456	1 029	797	2 201	1 962	950	—
7 to 12	12 985	11 359	10 544	9 403	1 141	242	573	1 226	390	—
13 or more	34 345	34 345	33 649	32 028	1 621	100	596	—	—	—

PASSENGER ELEVATOR

1979 to 1980	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
Structures with 4 or more stories	61 375	58 187	53 678	49 887	3 791	1 139	3 370	3 188	1 350	—
With elevator	56 171	53 223	49 087	45 925	3 162	813	3 313	2 948	1 356	—

UNITS IN STRUCTURE

1979 to 1980	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1 detached	158 174	123 421	91 900	57 233	35 957	13 423	18 808	34 753	7 831	1 302
2 detached	13 562	12 367	10 930	5 226	5 674	299	1 168	1 111	302	105
3 detached	24 005	13 444	11 039	7 942	6 654	256	1 054	1 054	273	12
3 and 4	17 486	15 882	14 282	8 509	5 773	575	1 025	1 604	414	25
5 to 9	22 874	20 594	18 337	11 653	6 584	457	983	2 280	560	674
10 to 49	44 734	39 324	33 214	27 477	15 337	2 297	3 815	2 000	1 992	—
50 or more	59 067	53 892	47 002	43 051	3 951	1 526	3 364	5 175	1 867	—
Mobile home or trailer, etc.	418	302	261	214	214	—	—	116	16	—
1979 to March 1980	151 516	130 418	105 360	69 755	35 405	11 075	13 983	21 498	5 372	1 015
1 detached	92 653	71 704	64 700	37 006	9 931	11 016	18 935	4 677	949	78
2 detached	5 145	4 742	3 883	1 995	2 288	103	405	602	164	7
3 detached	4 758	4 156	3 470	2 765	705	222	232	230	17	25
4 detached	1 640	1 354	1 031	603	1 533	600	1 495	1 269	381	—
5 or more	26 564	25 295	23 200	18 963	4 237	681	1 495	1 269	381	—
Mobile home or trailer, etc.	221	162	145	129	16	—	—	59	69	—
1979 to March 1980	142 136	123 380	105 318	76 260	29 558	7 333	10 729	18 756	4 836	397
1 detached	39 580	37 199	34 506	21 340	8 306	3 132	4 684	12 118	2 616	353
2 detached	7 779	7 065	6 569	3 383	3 186	163	333	714	224	5
3 detached	10 162	8 718	7 215	4 891	2 324	509	946	946	39	8
3 and 4	7 168	6 718	6 031	3 299	2 322	321	556	1 010	245	17
5 to 9	16 325	15 255	14 049	9 708	4 341	355	851	1 070	479	—
10 to 49	29 854	28 216	25 741	20 910	3 831	1 820	3 851	4 030	1 930	—
50 or more	25 564	24 467	22 169	19 362	2 807	1 017	2 556	924	327	—
Mobile home or trailer, etc.	152	114	98	67	31	16	—	38	—	—

UNITS IN STRUCTURE BY GROSS RENT

1979 to 1980	139 326	121 391	103 524	75 375	28 149	7 302	10 545	17 935	4 768	261
1, mobile home or trailer, etc.	44 701	32 652	24 519	13 905	10 614	3 280	4 853	12 049	2 772	222
Median gross rent	5343	5366	5373	5372	5374	5338	5351	5246	5260	5274
4 or more	88 739	88 739	79 005	47 472	17 535	4 472	7 112	8 886	1 996	39
Mobile gross rent	5300	5300	5301	5299	5311	5241	5324	5295	5334	5100

Table 61. **Equipment and Plumbing Facilities: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

Year-round housing units	332 203	279 226	228 143	161 505	66 640	19 362	31 719	52 979	13 988	1 412	250 864	81 341	
Complete within facilities	322 775	272 571	222 801	156 912	65 889	18 628	31 142	50 204	13 589	1 340	244 932	77 843	
BATHROOMS													
No bathroom or only a half bath	9 469	5 693	4 392	3 515	877	754	547	3 776	681	213	4 726	4 743	
1 complete bathroom	161 093	134 675	110 350	88 640	21 710	8 061	16 264	26 418	8 092	491	123 193	37 900	
1 complete bathroom plus half bath(s)	49 328	42 203	32 065	16 834	15 231	4 090	6 048	7 125	1 834	202	36 101	13 227	
2 or more complete bathrooms	112 315	76 455	61 838	52 516	28 822	6 457	8 860	15 660	3 381	506	86 844	25 471	
SOURCE OF WATER													
Public system or private company	327 197	278 495	227 656	161 185	66 471	19 329	31 510	48 702	13 765	1 125	250 023	77 174	
Individual drilled well	443	204	182	90	92	—	22	239	3	—	279	164	
Individual dug well	93	22	15	15	15	—	7	71	—	15	33	60	
Some other source	4 472	505	292	215	77	26	187	3 967	220	272	259	3 943	
SEWAGE DISPOSAL													
Public sewer	270 701	250 379	218 859	157 901	60 958	11 778	19 742	20 322	7 067	25	232 523	38 178	
Septic tank or cesspool	57 576	26 914	7 845	2 502	5 343	7 501	11 568	30 662	6 698	1 308	16 708	40 868	
Other means	3 928	1 933	1 441	1 102	339	83	409	1 995	223	79	1 833	2 295	
AIR CONDITIONING													
None	271 934	223 255	177 022	122 675	54 927	18 650	27 003	48 679	13 005	1 400	198 012	73 922	
Central system	19 340	17 028	15 169	12 182	2 987	63	796	2 312	441	—	16 204	3 136	
1 or more individual room units	40 931	38 943	35 374	26 648	8 726	649	2 920	1 988	542	12	36 648	4 283	
HEATING EQUIPMENT													
Year-round housing units	332 203	279 226	228 143	161 505	66 640	19 362	31 719	52 979	13 988	1 412	250 864	81 341	
Steam or hot water system	15 293	14 903	14 268	10 122	4 146	283	352	390	93	15	14 674	619	
Central warm-air furnace	1 372	1 279	1 220	957	263	6	53	493	4	5	1 283	89	
Electric heat pump	3 436	2 962	2 610	1 782	828	228	474	60	—	—	2 928	508	
Other built-in electric units	6 389	6 018	5 061	2 140	2 921	758	199	371	50	—	5 383	1 006	
Room, wall, or pipeless furnace	171	155	144	69	75	11	—	69	—	—	144	27	
Room heaters with fuel	346	309	250	199	54	19	18	193	—	—	12	319	
Room heaters without fuel	307	191	167	54	113	24	—	116	14	—	167	140	
Freestanding, stoves, or portable room heaters	7 421	4 065	3 145	1 549	1 596	389	531	3 356	348	172	3 413	4 008	
None	297 277	249 307	201 221	144 582	56 639	17 744	30 342	47 970	13 419	1 208	222 553	74 724	
Owner-occupied housing units	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015	114 793	37 123	
Steam or hot water system	7 623	7 404	7 080	4 414	2 666	151	173	219	61	12	7 276	347	
Central warm-air furnace	333	333	327	246	222	24	—	31	56	4	5	256	77
Electric heat pump	1 389	1 142	934	553	381	113	95	247	5	—	1 060	329	
Other built-in electric units	2 354	2 187	1 498	911	587	574	115	167	36	—	1 612	742	
Room, wall, or pipeless furnace	85	85	71	39	39	—	—	7	—	—	6	—	
Room heaters with fuel	247	103	74	61	13	11	18	114	—	—	12	84	
Room heaters without fuel	217	102	78	38	20	18	24	85	14	—	38	109	
Freestanding, stoves, or portable room heaters	4 517	2 565	2 029	1 114	915	351	369	1 798	155	131	2 146	2 260	
None	135 221	116 416	92 390	62 421	30 969	9 844	13 182	18 805	5 097	855	102 250	32 971	
Renter-occupied housing units	142 136	123 380	105 318	76 260	29 058	7 333	10 729	18 756	4 836	397	115 421	26 715	
Steam or hot water system	7 327	7 166	6 904	5 478	1 426	117	145	161	25	3	7 097	130	
Central warm-air furnace	825	788	760	521	239	6	22	37	—	—	813	77	
Electric heat pump	1 887	1 713	1 599	1 160	439	15	99	174	48	—	1 752	335	
Other built-in electric units	3 818	3 616	3 397	1 154	2 243	166	53	202	14	—	3 272	246	
Room, wall, or pipeless furnace	75	66	62	19	43	4	—	9	—	—	62	13	
Room heaters with fuel	301	227	181	34	86	—	—	74	—	—	227	74	
Room heaters without fuel	146	120	94	34	38	—	—	9	—	—	120	26	
Freestanding, stoves, or portable room heaters	2 238	1 236	1 070	394	676	237	139	1 002	162	41	1 069	245	
None	125 519	108 448	91 179	67 319	23 860	6 998	10 271	17 071	4 887	353	100 569	26 550	
Occupied housing units	294 052	253 798	210 478	146 015	64 643	18 408	24 712	40 254	10 206	1 412	230 214	63 638	
No telephone	14 495	10 762	7 561	5 571	1 990	1 047	2 154	3 733	817	126	9 274	5 221	
VEHICLES AVAILABLE													
Total													
None	30 509	27 619	23 785	20 919	2 866	1 727	2 107	2 890	933	50	25 628	4 881	
1	115 357	102 334	88 225	63 905	24 320	5 816	8 293	13 023	3 378	160	87 855	19 022	
2	94 699	80 072	65 161	40 476	24 485	6 280	8 531	14 627	3 684	448	71 456	23 243	
3 or more	53 487	43 773	33 507	20 715	12 792	4 485	5 781	9 714	2 213	654	37 395	16 092	
Automobiles													
None	34 409	29 927	25 373	21 934	3 439	2 014	2 540	4 482	1 270	131	27 625	6 784	
1	134 764	115 332	96 489	68 606	27 883	7 527	11 316	19 432	4 832	574	105 944	28 820	
2	91 400	79 364	65 219	40 434	24 785	6 167	7 978	12 036	2 991	465	71 137	20 263	
3 or more	33 479	29 175	23 597	15 041	8 556	2 700	2 878	4 304	1 115	242	25 508	7 971	
Trucks or vans													
None	238 462	214 295	184 061	130 333	53 728	13 333	16 901	24 167	6 646	485	198 141	40 321	
1	50 555	36 442	24 765	14 541	10 224	4 588	7 089	14 113	3 224	703	29 748	20 807	
2	4 218	2 639	1 661	1 015	646	383	595	5 179	312	111	2 038	580	
3 or more	817	422	191	126	65	104	127	395	47	85	267	130	
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015	114 793	37 123	
1979 to March 1980	19 292	16 169	13 328	7 854	5 474	803	2 038	3 123	470	54	14 197	4 375	
1975 to 1979	37 380	31 762	24 976	15 601	9 375	2 224	4 562	5 618	1 217	288	27 906	9 474	
1970 to 1974	30 114	25 369	20 427	12 521	7 905	2 118	2 824	4 745	1 059	153	22 412	7 702	
1960 to 1969	35 332	31 778	26 433	17 623	8 796	2 238	2 607	3 554	1 007	207	28 370	6 962	
1950 to 1959	19 236	16 897	13 787	10 421	3 366	1 184	1 216	2 399	889	166	14 487	4 809	
1949 or earlier	10 502	8 443	6 409	5 720	2 689	1 298	736	2 059	729	147	6 701	3 801	
Renter-occupied housing units	142 136	123 380	105 318	76 260	29 058	7 333	10 729	18 756	4 836	397	115 421	26 715	
1979 to March 1980	59 549	51 881	43 724	29 493	14 231	3 321	4 926	7 668	2 077	58	48 256	11 293	
1975 to 1979	50 089	44 859	38 959	27 812	11 147	2 477	3 423	5 230	1 484	82	42 128	7 961	
1970 to 1974	15 980	13 835	11 845	9 836	2 009	771	1 219	2 145	497	35	12 268	3 012	
1960 to 1969	10 340	8 750	7 474	4 560	914	345	731	1 582	345	69	8 254	2 078	
1950 or earlier	6 186	4 055	3 316	2 559	757	309	430	2 131	433	153	3 615	2 371	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	44 727	36 917	29 386	24 507	4 879	3 750	3 781	7 810	2 347	366	31 786	12 941	
Owner-occupied housing units	29 002	23 823	18 652	15 132	3 520	2 606	2 565	5 179	1 621	268	20 015	8 987	
Locking complete plumbing for exclusive use	1 137	658	470	375	95	111	73	483	139	25	630	631	
No complete heating facilities	839	214	139	86	153	80	137	375	88	12	586	466	
No vehicle available	11 502	10 068	8 332	7 547	785	383	753	1 434	523	45	8 902	2 600	
No telephone	2 031	1 439	955	782	173	231	253	592	155	19	1 091	343	
Locking central heating system	41 195	33 615	26 360	22 169	4 791	3 983	3 672	7 580	2 314	361	28 126	12 523	
Locking air conditioning	39 051	31 459	24 434	19 555	4 479	3 644	3 381	7 592	2 300	354	26 612	12 399	

Table 62. Fuels and Financial Characteristics: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban						Rural					
	Inside urbanized areas			Outside urbanized areas			Places of 10,000 or more			Places of 2,500		
The State	Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 or more	Total	Rural farm	Inside SMSA's	Outside SMSA's		
Occupied housing units	294 052	253 798	210 678	146 015	64 663	18 408	24 712	40 254	10 208	1 412	230 214	63 838
HOUSE HEATING FUEL												
Utility gas	12 131	12 007	11 837	9 055	2 782	95	75	124	16	4	11 990	141
Bottled, tank, or LP gas	3 441	2 879	2 384	1 133	1 251	207	288	562	99	21	2 667	774
Electricity	13 147	11 144	10 114	5 403	4 711	1 022	629	1 362	170	20	10 853	2 264
Fuel oil, kerosene, etc.	435	494	435	198	337	23	36	490	93	27	349	549
Coal or coke	22	22	22	22	22	—	—	—	—	—	22	—
Wood	3 345	1 533	1 086	398	685	219	228	1 812	138	132	1 167	178
Other fuel	242	234	231	166	65	—	3	8	—	—	211	11
No fuel used	260 740	224 864	184 569	129 740	54 829	16 842	23 453	35 876	9 684	1 208	202 619	57 921
WATER HEATING FUEL												
Utility gas	44 853	44 099	40 119	34 356	5 763	2 658	1 322	754	318	9	41 185	3 668
Bottled, tank, or LP gas	24 129	20 538	19 049	5 190	5 712	1 979	2 750	11 621	2 301	488	9 389	17 040
Electricity	214 835	190 493	159 955	103 646	56 309	12 296	18 242	24 342	6 271	738	176 742	38 093
Fuel oil, kerosene, etc.	1 722	1 152	828	796	37	113	211	570	155	5	648	874
Other	4 719	2 726	1 431	464	967	464	203	792	1 993	445	1 644	3 075
No fuel used	1 794	820	654	538	116	88	78	974	118	51	706	1 088
COOKING FUEL												
Utility gas	37 200	36 396	32 915	27 939	4 976	2 227	1 254	804	296	11	33 839	3 361
Bottled, tank, or LP gas	11 832	10 820	9 190	3 422	1 568	2 269	1 193	13 075	2 990	648	10 399	18 483
Electricity	228 964	203 692	171 295	113 433	57 862	13 406	18 991	25 272	6 748	724	188 020	40 944
Other	1 186	397	184	138	46	55	158	789	85	29	61	925
No fuel used	1 795	1 481	1 094	883	211	271	116	314	89	—	1 204	591
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	109 102	91 355	70 576	43 569	27 007	9 766	11 013	17 767	4 588	517	77 587	31 513
With a mortgage	77 444	67 520	53 537	30 068	23 469	5 812	8 187	9 724	2 372	206	59 813	18 363
Less than \$100	2 044	305	190	116	74	58	57	99	23	6	242	162
\$100 to \$149	1 404	708	430	280	150	120	158	336	124	22	523	121
\$150 to \$199	2 172	1 097	742	470	263	143	244	645	244	44	112	265
\$200 to \$249	5 460	4 658	3 372	1 647	1 725	555	731	802	234	11	3 826	1 634
\$250 to \$299	7 383	6 343	4 848	2 423	2 135	715	782	1 238	283	4	5 381	2 202
\$300 to \$349	6 994	5 843	4 313	2 541	1 772	659	871	1 531	356	33	4 809	2 185
\$350 to \$399	6 756	5 779	4 374	2 452	1 922	649	756	997	172	13	4 875	1 901
\$400 to \$449	5 911	5 173	3 926	2 243	1 683	613	634	778	181	20	4 301	1 650
\$450 to \$499	5 015	4 359	3 289	1 980	1 499	529	572	672	180	12	3 735	1 401
\$500 to \$549	9 543	8 621	6 343	3 726	3 217	663	1 015	922	159	13	6 642	1 901
\$550 to \$599	10 818	9 800	8 093	4 129	3 964	515	192	1 018	218	18	8 937	1 881
\$600 to \$649	14 029	12 901	11 644	7 199	6 445	930	309	1 338	229	46	12 409	2 388
Median	\$463	\$476	\$499	\$501	\$497	\$380	\$415	\$386	\$339	\$373	\$494	\$382
Not mortgaged	31 658	23 825	17 039	13 501	3 538	3 947	2 849	7 823	2 213	309	18 056	13 152
Less than \$50	1 310	516	242	161	81	106	168	794	92	42	353	957
\$50 to \$74	4 508	2 854	1 521	1 145	376	829	504	1 654	516	42	1 789	2 719
\$75 to \$99	7 180	5 182	3 446	2 069	1 069	674	655	1 074	344	9	4 052	1 481
\$100 to \$149	11 930	9 626	7 223	5 207	1 516	1 407	996	2 304	661	122	7 316	4 214
\$150 to \$199	14 587	11 386	8 376	5 605	561	374	336	3 117	157	30	11 191	2 508
\$200 to \$249	16 039	11 644	8 667	5 216	121	113	84	1 027	181	1	12 029	308
\$250 or more	737	617	474	437	37	49	94	120	31	—	492	245
Median	\$110	\$115	\$120	\$123	\$113	\$99	\$104	\$93	\$94	\$102	\$119	\$96
GROSS RENT												
Specified renter-occupied housing units	139 326	121 391	103 526	75 375	28 149	7 302	10 565	17 935	4 768	261	113 374	25 952
Less than \$50	646	429	334	236	98	43	52	217	45	—	358	288
\$50 to \$99	989	746	496	398	178	174	76	443	64	—	545	447
\$100 to \$149	4 499	1 110	749	321	208	181	776	144	12	1	4 003	672
\$150 to \$199	2 733	1 509	1 039	714	325	184	286	1 224	188	5	2 415	1 318
\$200 to \$249	5 100	2 926	1 980	1 246	584	259	387	1 028	264	24	1 698	1 141
\$250 to \$299	12 120	6 576	4 112	1 694	1 148	247	317	2 040	203	5	4 401	1 015
\$300 to \$349	3 501	2 921	2 333	1 200	313	357	231	580	251	—	2 539	962
\$350 to \$399	6 897	6 783	5 122	4 156	1 766	492	669	614	222	12	5 680	1 217
\$400 to \$449	17 285	14 017	10 487	3 530	1 933	845	881	1 490	559	—	12 053	2 232
\$450 to \$499	17 136	16 015	14 040	10 240	2 938	889	1 076	1 401	349	7	15 139	2 277
\$500 to \$549	13 394	12 095	10 535	151 899	9 153	708	393	1 095	155	1	11 299	1 860
\$550 to \$599	14 744	13 422	11 670	8 560	3 110	599	1 133	1 322	373	21	12 858	1 886
\$600 to \$649	17 877	16 134	13 525	9 727	3 798	976	1 633	1 743	573	15	14 766	3 111
\$650 or more	14 029	11 711	9 099	5 397	364	557	1 732	1 209	299	21	12 409	2 388
No cash rent	16 463	13 190	11 984	6 026	5 958	524	682	3 253	780	114	13 159	3 284
Median	\$311	\$315	\$316	\$310	\$335	\$247	\$335	\$267	\$272	\$197	\$315	\$286
HOUSEHOLD INCOME IN 1979												
Occupied housing units	294 052	253 798	210 678	146 015	64 663	18 408	24 712	40 254	10 208	1 412	230 214	63 838
Median income	\$20 464	\$22 014	\$21 411	\$20 879	\$22 579	\$19 218	\$19 113	\$17 106	\$17 510	\$20 733	\$21 061	\$18 423
Owner-occupied housing units	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015	114 793	37 123
Median income	\$29 529	\$30 955	\$31 232	\$31 232	\$31 232	\$29 485	\$24 924	\$21 208	\$24 469	\$30 077	\$30 077	\$22 910
Renter-occupied housing units	142 136	123 380	105 318	76 260	29 058	7 333	10 729	18 756	4 836	397	115 421	26 715
Median income	\$13 853	\$13 951	\$14 216	\$14 231	\$14 183	\$11 156	\$13 029	\$13 130	\$12 934	\$16 947	\$13 966	\$13 280
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	6 197	4 556	3 323	2 367	956	478	755	1 641	291	126	3 991	2 206
Percent below poverty level	4.1	3.5	3.2	3.4	2.7	4.3	5.4	7.6	5.4	12.4	3.5	5.9
Complete plumbing for exclusive use	5 874	4 498	3 261	2 314	947	478	749	1 586	285	117	3 924	1 962
1.01 or more persons per room	674	463	321	214	112	52	73	129	37	13	523	243
Locking complete plumbing for exclusive use	62	62	53	9	—	—	—	355	6	9	77	246
1.01 or more persons per room	13	8	6	1	—	—	—	6	—	—	6	—
Renter-occupied housing units	23 509	19 789	15 399	11 676	3 723	1 933	2 457	3 920	858	50	17 942	5 567
Percent below poverty level	16.5	16.0	14.6	15.3	12.8	26.4	22.9	17.8	17.7	12.6	15.5	20.8
Complete plumbing for exclusive use	22 148	18 986	14 823	11 218	3 605	1 773	2 390	3 182	740	13	17 409	4 869
1.01 or more persons per room	2 565	5 019	3 874	2 923	1 073	521	656	1 022	273	4	4 815	2 607
Locking complete plumbing for exclusive use	21	831	576	458	118	160	67	538	118	37	643	698
1.01 or more persons per room	332	224	201	143	58	9	14	148	24	26	217	155

Table 63. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's

	The State	Total	Urban				Rural				Total	Places of 1,000 or more	Places of 2,500 or more	Rural farm	Inside SMSA's	Outside SMSA's
			Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 or more	Places of 2,500 or more						
			Total	Central cities	Urban fringe	Total	Places of 1,000 or more									
114 363	96 620	81 586	55 816	25 770	4 960	10 074	17 743	3 715	408	89 682	24 681					
YEAR STRUCTURE BUILT																
4 412	2 845	1 842	1 298	544	218	785	1 567	189	14	2 122	2 290					
17 175	13 354	10 919	6 883	4 036	480	1 955	3 821	716	83	11 997	5 178					
25 240	21 378	17 130	10 716	6 414	1 282	2 966	3 862	741	57	19 411	5 829					
29 723	27 124	24 092	17 171	6 929	1 111	2 774	2 949	487	38	26 492	4 887					
17 866	16 147	14 668	10 222	4 446	516	963	1 719	435	42	15 729	2 137					
9 302	7 930	6 695	4 801	1 894	226	709	1 572	597	35	7 567	1 935					
10 445	7 842	6 266	4 769	1 497	827	749	2 603	550	119	6 783	3 662					
BEDROOMS																
6 973	5 966	5 265	5 030	235	319	382	1 007	208	14	5 541	1 432					
20 357	17 716	15 374	1 733	2 574	1 689	2 141	2 721	709	38	16 319	4 118					
33 127	27 866	24 040	16 961	7 079	1 312	2 514	5 261	1 153	97	26 301	6 826					
38 602	30 907	24 630	13 264	11 366	2 058	4 219	7 155	1 336	141	28 136	9 926					
13 793	11 976	10 473	7 536	2 937	883	1 121	3 117	238	103	11 423	1 870					
2 471	2 189	1 875	1 237	638	165	149	282	58	15	1 962	509					
UNITS IN STRUCTURE																
49 406	37 140	28 337	17 957	10 380	3 001	5 802	12 466	2 107	368	32 452	17 154					
6 928	6 384	5 677	2 551	3 126	88	619	544	164	—	6 466	1 462					
5 737	4 701	3 992	2 377	1 615	152	557	1 036	204	40	4 566	1 171					
7 199	6 517	6 092	3 005	2 087	159	274	662	108	—	6 492	1 384					
8 301	7 590	6 922	3 618	3 304	131	537	711	330	—	7 551	750					
14 406	13 168	11 361	9 170	2 191	752	1 055	1 238	485	—	11 963	2 441					
21 945	20 543	19 033	16 995	2 038	677	1 213	1 002	309	—	19 038	2 507					
261	177	152	143	9	8	17	84	6	—	152	109					
UNITS IN STRUCTURE BY GROSS RENT																
Specified renter-occupied housing units																
64 390	55 643	48 111	32 109	16 002	2 677	4 855	8 747	2 227	75	52 703	11 487					
21 097	15 816	12 494	6 482	6 012	1 124	2 198	5 281	1 063	59	14 566	6 331					
\$396	\$410	\$416	\$441	\$391	\$382	\$403	\$362	\$323	\$500+	\$406	\$375					
43 395	39 255	32 617	25 627	9 990	2 513	4 466	7 368	1 644	—	38 127	8 339					
\$334	\$341	\$343	\$344	\$336	\$269	\$377	\$368	\$420	\$100+	\$342	\$349					
BATHROOMS																
2 841	1 508	1 181	961	220	193	134	1 333	199	80	1 233	1 608					
51 563	43 479	36 347	28 381	7 966	2 340	4 792	8 084	1 974	110	40 593	10 970					
15 625	13 360	10 555	4 804	5 751	785	2 020	2 265	433	41	12 205	3 420					
44 334	38 273	33 503	21 670	11 833	1 642	3 128	6 061	1 109	177	35 651	8 683					
SOURCE OF WATER																
111 827	96 345	81 380	55 636	25 744	4 941	10 024	15 482	3 579	293	89 389	22 438					
150	34	26	26	—	—	8	116	3	—	65	85					
42	—	—	—	—	—	—	42	—	—	8	42					
2 344	241	180	154	26	19	42	2 103	133	107	228	2 116					
HEATING EQUIPMENT																
2 407	2 356	2 248	1 607	641	56	52	51	13	—	2 303	104					
712	640	590	434	156	6	44	72	4	—	630	82					
705	550	479	339	140	20	51	155	23	—	588	117					
2 524	2 335	2 063	493	1 570	220	52	189	15	—	2 143	341					
53	37	37	16	21	—	16	—	—	—	37	16					
162	38	32	20	12	—	6	124	—	5	32	130					
163	95	89	63	26	—	68	16	—	—	74	89					
3 756	1 903	1 464	667	797	138	301	1 853	145	97	1 630	2 126					
103 881	88 666	74 584	52 234	22 350	4 514	9 568	15 215	3 505	301	82 190	21 691					
SELECTED CHARACTERISTICS																
Owner-occupied housing units																
5 828	3 975	2 685	2 017	668	376	914	1 853	316	62	3 324	2 504					
3 120	2 222	1 785	1 503	282	209	228	898	102	40	1 925	1 195					
89 517	73 040	59 598	39 987	19 611	4 760	8 682	16 477	2 504	187	66 664	22 833					
21 742	9 195	3 704	1 797	1 907	1 739	3 752	12 547	2 042	401	6 363	15 379					
11 623	10 837	9 483	8 671	812	572	782	786	187	—	10 058	1 565					
Renter-occupied housing units																
48 611	40 055	32 614	23 335	9 279	2 272	5 169	8 556	1 445	294	36 057	12 554					
9 108	7 168	5 780	3 675	2 105	307	1 081	1 940	231	14	6 380	2 528					
15 661	12 552	10 071	6 843	3 228	556	1 928	3 109	481	117	11 528	4 333					
9 433	7 739	6 331	4 528	1 803	427	981	1 694	294	58	6 959	2 474					
8 281	7 344	6 290	4 622	1 658	388	666	937	226	32	6 807	1 474					
3 720	3 227	2 625	2 252	373	274	328	493	124	16	2 797	923					
2 408	2 025	1 517	1 415	102	320	188	383	89	57	1 586	822					
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER																
Occupied housing units																
65 752	56 565	48 972	32 481	16 491	2 688	4 905	9 187	2 270	114	53 625	12 127					
32 992	27 963	23 840	15 057	8 783	1 393	2 300	5 029	1 325	45	26 403	6 589					
24 041	21 254	18 919	12 174	6 745	899	1 436	2 768	729	27	20 369	3 672					
5 133	4 317	3 657	3 025	632	238	422	816	165	16	4 011	1 122					
2 682	2 349	2 009	1 790	219	101	239	333	22	18	2 235	447					
904	682	547	435	112	57	78	222	29	8	607	297					
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER																
Owner-occupied housing units																
14 779	12 453	10 411	9 843	1 008	841	1 201	2 326	526	62	11 096	3 683					
9 459	7 686	6 377	5 393	784	562	787	1 773	472	62	6 792	2 667					
147	95	87	84	3	—	8	52	7	—	87	60					
386	308	252	249	3	39	17	218	14	—	276	110					
3 944	3 774	3 320	3 176	144	239	215	170	34	—	3 456	488					
11 557	9 380	7 618	6 701	917	807	955	2 177	502	62	8 199	3 358					

Table 64. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

Occupied housing units	4 654	4 446	4 156	1 731	2 425	83	207	208	45	—	4 445	209
YEAR STRUCTURE BUILT												
1979 to March 1980	152	118	106	47	59	5	7	34	—	—	119	33
1975 to 1978	1 003	975	923	494	429	18	34	28	—	—	949	54
1970 to 1974	1 174	1 107	990	369	621	29	88	67	—	—	1 114	60
1960 to 1969	1 040	1 034	950	359	591	19	65	6	—	—	1 021	19
1950 to 1959	628	614	601	218	383	—	13	14	14	—	618	10
1940 to 1949	398	372	367	125	242	5	—	26	10	—	388	10
1939 or earlier	239	226	219	119	100	—	—	33	21	—	236	23
BEDROOMS												
None	186	186	162	147	15	18	6	—	—	—	168	18
1	831	801	772	408	364	13	16	30	2	—	794	37
2	1 776	1 653	1 594	679	915	34	25	123	34	—	1 672	104
3	1 203	1 164	1 027	231	796	12	125	39	9	—	1 175	28
4	408	392	351	227	324	6	35	16	—	—	386	22
5 or more	50	—	—	39	11	—	—	—	—	—	50	—
UNITS IN STRUCTURE												
1, detached	766	665	569	262	307	41	55	101	21	—	620	146
1, attached	525	515	498	187	311	—	17	10	2	—	525	—
2	243	221	179	41	138	13	29	22	—	—	214	29
3 and 4	751	735	710	201	509	—	25	16	4	—	751	—
5 to 9	591	577	534	190	344	—	43	14	9	—	591	—
10 to 49	966	942	912	458	454	13	17	24	—	—	953	13
50 or more	812	791	754	392	362	16	21	21	9	—	791	21
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT												
1, specified rental-occupied housing units	3 783	3 633	3 480	1 437	2 043	58	95	150	27	—	3 660	123
1, mobile home or trailer, etc.	695	642	600	242	358	16	26	53	5	—	630	65
Median gross rent	\$409	\$416	\$423	\$291	\$445	\$240	\$400	\$331	\$275	—	\$416	\$336
2 or more	3 988	2 991	2 880	1 195	1 685	42	69	97	22	—	3 030	58
Median gross rent	\$314	\$313	\$311	\$324	\$307	\$205	\$396	\$323	\$450	—	\$318	\$188
BATHROOMS												
No bathroom or only a half bath	122	102	95	57	38	7	—	20	—	—	95	27
1 complete bathroom	2 408	2 288	2 131	971	1 160	63	94	120	45	—	2 293	115
1 complete bathroom plus half bath(s)	998	986	900	260	640	—	86	12	—	—	995	3
2 or more complete bathrooms	1 126	1 070	1 030	443	587	13	27	56	—	—	1 062	64
SOURCE OF WATER												
Public system or private company	4 602	4 430	4 140	1 715	2 425	83	207	172	45	—	4 429	173
Individual drilled well	—	—	—	—	—	—	—	—	—	—	—	—
Individual dug well	8	8	8	8	—	—	—	—	—	—	8	—
Some other source	44	8	8	8	—	—	—	36	—	—	8	36
HEATING EQUIPMENT												
Steam or hot water system	108	104	104	48	56	—	—	4	4	—	108	—
Central warm-air furnace	47	47	47	10	37	—	—	—	—	—	47	—
Electric heat pump	54	49	49	27	22	—	—	5	5	—	54	—
Other built-in electric units	327	315	304	5	299	—	11	12	5	—	327	—
Floor, wall, or pipeless furnace	22	22	22	—	22	—	—	—	—	—	22	—
Room heaters with fuel	19	19	19	19	—	—	—	—	—	—	19	—
Room heaters without fuel	8	8	8	—	—	—	—	—	—	—	8	—
Fireplaces, stoves, or portable room heaters	82	76	76	21	55	—	—	6	—	—	82	—
None	3 987	3 806	3 527	1 601	1 926	83	196	181	36	—	3 778	209
SELECTED CHARACTERISTICS												
No telephone	367	338	308	118	190	18	12	29	2	—	328	39
No complete kitchen facilities	57	50	50	43	7	7	—	6	—	—	50	13
Lacking air conditioning	3 378	3 195	2 934	995	1 939	78	183	183	40	—	3 179	199
Lacking public sewer	248	167	122	41	81	19	26	81	—	—	153	95
No vehicle available	500	494	470	231	239	7	17	6	—	—	493	7
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	748	692	555	258	297	25	112	56	16	—	662	86
1979 to March 1980	219	181	149	25	124	—	32	38	16	—	181	38
1975 to 1978	238	238	193	85	107	13	12	10	—	—	240	20
1970 to 1974	119	111	79	36	43	12	20	8	—	—	99	20
1960 to 1969	94	94	86	63	23	—	8	—	—	—	94	—
1950 to 1959	39	39	39	39	—	—	—	—	—	—	39	—
1949 or earlier	9	9	9	9	—	—	—	—	—	—	9	—
Renter-occupied housing units	3 906	3 754	3 601	1 473	2 128	58	95	152	29	—	3 783	123
1979 to March 1980	2 363	2 244	2 121	867	1 254	45	78	119	25	—	2 275	88
1975 to 1978	1 397	1 364	1 342	506	836	5	17	33	4	—	1 370	27
1970 to 1974	91	91	83	51	32	8	—	—	—	—	83	8
1960 to 1969	48	48	42	6	—	—	—	—	—	—	48	—
1959 or earlier	7	7	7	7	—	—	—	—	—	—	7	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	286	182	157	139	18	20	5	24	16	—	157	49
Owner-occupied housing units	120	96	84	76	7	7	5	24	16	—	84	36
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	50	50	50	44	6	—	—	—	—	—	50	—
No telephone	—	—	—	—	—	—	—	—	—	—	—	—
Lacking central heating system	194	170	145	127	18	20	5	24	16	—	145	49
Lacking air conditioning	141	117	97	87	10	20	—	24	16	—	97	44

Table 65. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban						Rural						
	The State	Total	Inside urbanized areas			Outside urbanized areas			Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000						
Occupied housing units	16 968	14 156	10 918	6 236	4 682	1 106	2 132	2 812	706	57	12 924	4 044	
YEAR STRUCTURE BUILT													
1979 to March 1980	464	390	211	119	92	56	123	74	—	6	266	198	
1975 to 1978	2 187	1 797	1 262	693	569	142	393	390	77	12	1 347	640	
1970 to 1974	3 590	2 926	2 183	1 270	913	243	500	644	186	4	2 432	958	
1960 to 1969	4 444	4 059	3 323	1 927	1 396	259	477	385	75	—	3 817	627	
1950 to 1959	3 091	2 752	2 361	1 481	880	105	286	339	101	—	2 678	413	
1940 to 1949	1 889	1 106	786	481	352	112	208	283	82	8	996	393	
1939 or earlier	1 803	1 126	792	565	227	189	145	677	185	27	988	815	
BEDROOMS													
None	1 072	914	822	718	104	60	32	158	64	5	866	206	
1	3 169	2 921	2 415	1 839	576	206	300	248	96	—	2 574	595	
2	4 999	4 265	3 498	1 935	1 563	317	450	374	186	11	4 078	921	
3	5 748	4 462	3 000	1 791	1 209	415	1 047	1 286	283	8	3 955	1 793	
4	1 617	1 314	948	409	536	83	286	303	64	29	1 181	436	
5 or more	363	280	235	126	112	25	17	83	13	4	270	93	
UNITS IN STRUCTURE													
1, detached	7 613	5 516	3 609	1 480	2 129	603	1 304	2 097	450	52	4 749	2 864	
1, attached	873	761	651	283	368	11	99	112	46	5	767	106	
2 or more	1 033	647	493	393	248	81	157	154	46	—	779	254	
3 and 4	1 137	1 065	952	417	535	57	56	72	9	—	1 029	108	
5 to 9	1 726	1 625	1 367	746	621	66	192	101	30	—	1 577	149	
10 to 49	2 585	2 203	1 671	832	839	12	332	182	30	—	1 603	196	
50 or more	1 799	1 705	1 475	1 237	238	97	133	94	35	—	1 603	196	
Mobile home or trailer, etc.	20	20	20	9	11	—	—	—	—	—	20	—	
UNITS IN STRUCTURE BY GROSS RENT													
Specified renter-occupied housing units	10 300	8 893	7 190	4 567	2 623	678	1 025	1 407	352	17	8 378	1 922	
1, mobile home or trailer, etc.	3 250	2 826	2 393	1 583	742	841	264	479	924	170	2 164	1 086	
Median gross rent	\$339	\$359	\$364	\$375	\$347	\$345	\$345	\$250	\$337	\$500+	\$347	\$314	
2 or more	7 050	6 067	5 607	3 925	1 782	588	761	928	182	—	6 214	836	
Median gross rent	\$293	\$295	\$296	\$299	\$288	\$225	\$232	\$271	\$267	—	\$299	\$234	
BATHROOMS													
No bathroom or only a half bath	642	460	346	263	83	59	55	182	51	17	377	265	
1 complete bathroom	9 576	8 077	6 343	4 201	2 142	612	1 122	1 499	402	24	7 542	2 034	
1 complete bathroom plus half bath(s)	2 553	2 123	1 531	515	1 016	140	452	430	111	—	1 875	678	
2 or more complete bathrooms	4 197	3 496	2 498	1 257	1 441	295	503	701	142	16	3 130	1 067	
SOURCE OF WATER													
Public system or private company	16 673	14 065	10 856	6 211	4 645	1 106	2 103	2 608	684	28	12 794	3 879	
Individual drilled well	54	30	—	11	19	—	—	—	—	—	54	—	
Individual dug well	—	—	—	—	—	—	—	—	—	—	—	—	
Some other source	241	61	32	14	18	—	29	180	22	29	76	165	
HEATING EQUIPMENT													
Steam or hot water system	1 287	1 233	1 156	709	447	28	49	54	18	—	1 203	84	
Central warm-air furnace	104	95	89	60	29	6	—	9	—	—	95	9	
Electric heat pump	279	234	216	106	110	18	45	10	4	—	252	27	
Other built-in electric units	489	449	408	156	252	19	22	40	17	—	453	36	
Floor, wall, or pipeless furnace	31	31	31	23	8	—	—	—	—	—	31	—	
Room heaters with flue	16	10	10	6	7	—	—	6	—	—	10	6	
Room heaters without flue	13	13	13	6	8	—	—	—	—	—	13	—	
Fireplaces, stoves, or portable room heaters	289	169	113	26	87	8	48	120	6	—	137	152	
None	14 660	11 922	8 862	5 140	3 742	1 037	2 003	2 538	657	57	10 730	3 730	
SELECTED CHARACTERISTICS													
No telephone	1 273	1 012	678	422	256	130	204	261	71	5	873	400	
No complete kitchen facilities	849	750	162	143	39	48	20	99	29	5	206	143	
Lacking air conditioning	14 863	12 138	9 106	5 209	3 897	1 073	1 959	2 725	689	57	10 994	3 869	
Lacking public sewer	3 779	1 852	692	154	538	300	860	1 927	359	57	1 402	2 372	
No vehicle available	2 109	1 834	1 487	1 132	355	120	227	275	98	5	1 776	333	
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	6 491	5 144	3 638	1 631	2 007	428	1 078	1 347	347	35	4 415	2 076	
1979 to March 1980	861	741	481	213	268	69	191	120	3	6	628	233	
1975 to 1978	1 738	1 328	870	340	530	107	351	400	99	25	1 116	612	
1970 to 1974	1 666	1 210	892	276	616	85	233	435	105	4	1 078	588	
1960 to 1969	1 446	1 211	908	456	452	114	189	235	79	—	1 061	385	
1950 to 1959	495	414	323	203	120	17	74	81	41	—	351	144	
1949 or earlier	295	240	164	143	21	36	40	55	20	—	181	114	
Renter-occupied housing units	10 477	9 012	7 280	4 605	2 675	678	1 054	1 465	359	22	8 509	1 968	
1979 to March 1980	3 853	3 916	3 135	1 856	1 279	284	497	508	149	—	3 675	749	
1975 to 1978	3 462	3 462	2 820	1 659	961	273	369	391	131	—	3 204	649	
1970 to 1974	1 166	880	690	492	198	73	117	286	54	12	857	309	
1960 to 1969	675	1 460	450	305	145	38	38	149	12	5	532	143	
1959 or earlier	359	228	185	93	92	10	33	131	13	—	241	118	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	1 849	1 504	1 142	773	369	114	248	345	105	4	1 342	507	
Owner-occupied housing units	912	738	531	317	214	70	137	174	66	4	601	311	
Lacking complete plumbing for exclusive use	67	58	45	38	7	—	13	9	—	—	45	22	
No complete kitchen facilities	41	41	41	35	12	—	—	7	—	—	35	13	
No vehicle available	558	443	371	300	73	20	52	115	31	—	461	97	
No telephone	113	97	65	43	22	6	26	16	—	—	80	33	
Lacking central heating system	1 633	1 299	952	693	259	114	233	334	99	4	1 137	496	
Lacking air conditioning	1 742	1 397	1 066	731	335	114	217	345	105	4	1 249	493	

Table 66. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State	Asian and Pacific Islander														Race, n.e.c.
	American Indian	Esquimo	Alut	Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoan	Other		
Occupied housing units	959	7	21	78 002	18 502	31 989	5 523	227	733	29 064	392	2 664	1 575	5 377	
YEAR STRUCTURE BUILT															
1979 to March 1980	28	...	...	2 175	644	1 109	100	23	18	823	...	41	61	137
1975 to 1978	142	...	...	7 062	1 895	3 293	781	12	57	3 319	55	210	180	675
1970 to 1974	254	...	...	12 731	3 408	6 408	1 411	78	155	6 037	88	506	309	1 043
1960 to 1969	177	...	15	23 345	5 326	8 198	1 687	49	221	7 704	134	894	442	1 419	
1950 to 1959	171	...	6	15 234	3 516	4 965	716	19	164	5 164	68	342	263	944	
1940 to 1949	83	...	...	7 391	1 862	2 752	113	25	70	2 610	23	249	162	584
1939 or earlier	104	...	...	10 064	1 839	5 264	415	21	48	3 407	24	222	158	573
BEDROOMS															
None	123	...	...	3 550	1 027	1 877	662	13	95	1 446	28	105	204	329
1	165	...	8	11 169	3 461	5 801	1 577	59	285	4 733	63	503	466	914	
2	311	...	6	17 007	4 315	8 325	1 484	51	230	7 626	107	925	491	1 630	
3	285	...	7	32 942	7 416	11 329	1 596	47	87	10 912	159	646	353	1 892	
4	69	...	...	9 564	2 395	3 111	393	31	36	3 625	21	249	76	513
5 or more	6	...	...	2 770	888	1 546	111	4	...	722	14	40	29	99
UNITS IN STRUCTURE															
1, detached	292	...	15	50 282	10 289	16 876	2 000	90	90	17 485	118	567	432	2 260	
1, attached	42	...	...	1 797	483	1 577	130	9	16	998	23	75	67	254
2	63	...	...	3 063	916	2 862	202	20	26	1 286	22	129	48	293
3 and 4	90	...	...	3 053	780	2 276	224	20	29	1 258	45	174	46	433
5 to 9	59	...	6	4 372	973	2 379	331	12	111	2 080	58	959	205	889	
10 to 49	218	...	...	7 849	2 864	5 605	1 057	32	37	3 490	73	646	153	1 051
50 or more	195	...	...	7 538	2 760	2 391	1 579	54	190	2 454	53	467	204	497
Mobile home or trailer, etc. ....	...	...	...	48	17	23	...	...	...	13	...	11	...	...
UNITS IN STRUCTURE BY GROSS RENT															
Specified renter-occupied housing units	761	...	14	23 840	5 487	15 851	3 001	102	648	14 270	294	2 306	1 186	3 486	
1, mobile home or trailer, etc.	189	...	8	7 475	1 170	6 282	405	25	56	5 700	721	303	249	776	
Median gross rent	\$450	...	\$275	\$269	\$348	\$190	\$379	\$500+	\$450	\$341	\$250	\$378	\$364	\$354	
2 or more	572	...	6	16 365	4 317	9 569	2 596	77	592	8 570	223	1 903	937	2 510	
Median gross rent	\$317	...	\$375	\$265	\$277	\$263	\$315	\$288	\$310	\$288	\$301	\$226	\$289	\$301	
BATHROOMS															
No bathroom or only a half bath	59	...	...	1 523	325	1 831	242	19	53	854	...	93	52	150
1 complete bathroom	520	...	14	32 571	7 475	16 914	3 043	86	500	14 968	251	1 846	1 119	3 146	
1 complete bathroom plus half bath(s) ..	114	...	...	15 397	2 834	4 716	633	9	45	4 673	73	353	193	774
2 or more complete bathrooms	266	...	7	28 511	7 868	8 528	1 605	113	115	8 569	68	372	211	1 307	
SOURCE OF WATER															
Public system or private company	931	...	21	77 589	18 440	31 517	5 495	227	733	28 513	392	2 659	1 571	5 333	
Individual drilled well .....	...	...	...	61	7	98	20	...	...	32	...	...	...	5
Individual dug well .....	...	...	...	7	...	...	...	...	...	29	...	...	...	...
Some other source	28	...	...	345	55	374	8	...	...	490	...	5	4	39
HEATING EQUIPMENT															
Steam or hot water system	20	...	...	4 618	1 538	2 899	513	26	111	1 922	41	299	148	300
Central warm-air furnace .....	...	...	...	131	41	81	27	...	...	67	...	15	6	31
Electric heat pump .....	...	...	...	686	319	685	170	...	11	426	...	47	106	...
Other built-in electric units	7	...	...	1 178	335	733	124	8	11	592	41	93	10	189
Floor, wall, or pipeless furnace .....	...	...	...	25	...	50	...	...	6	...	...	...	...	...
Room heaters with fuel .....	...	...	...	117	30	61	...	...	9	73	5	27	...	15
Room heaters without fuel .....	...	...	...	37	21	45	...	...	...	19	...	...	...	...
Fireplaces, stoves, or portable room heaters ..	11	...	...	1 503	347	364	60	...	...	550	...	...	18	94
None	921	...	21	69 707	15 871	27 071	4 629	193	585	25 415	305	2 159	1 346	4 642	
SELECTED CHARACTERISTICS															
No telephone	138	...	...	1 652	512	1 975	152	27	100	2 305	24	716	291	408
No complete kitchen facilities	70	...	...	1 273	271	1 111	111	15	23	399	...	89	40	72
Lacking air conditioning	750	...	21	66 481	14 763	29 720	4 278	193	656	26 817	304	2 495	1 404	4 761	
Lacking public sewer	158	...	8	13 842	1 455	8 207	359	38	15	9 007	34	231	130	1 066	
No vehicle available	186	...	...	6 888	1 959	3 439	786	39	330	2 901	27	697	381	753
YEAR HOUSEHOLDER MOVED INTO UNIT															
Owner-occupied housing units	192	...	7	53 840	12 903	15 736	2 509	125	85	14 428	88	411	389	1 834	
1979 to March 1980	38	...	...	4 456	1 430	1 993	397	40	19	1 230	...	62	97	203
1975 to 1978	9	...	...	9 248	2 612	4 450	616	35	46	3 656	43	130	125	410
1970 to 1974	42	...	...	29 531	2 213	3 996	147	22	8	3 506	18	112	89	506
1960 to 1969	9	...	...	15 700	3 252	3 576	591	10	12	3 762	27	79	40	385
1950 to 1959	30	...	...	9 965	2 096	1 214	274	...	...	1 721	...	23	18	196
1949 or earlier .....	...	...	...	4 940	1 300	5 505	114	18	...	1 049	...	5	20	154
Renter-occupied housing units	767	...	14	26 162	5 599	16 255	3 014	102	648	14 626	304	2 253	1 186	3 543	
1979 to March 1980	411	...	...	6 578	1 588	9 189	262	68	355	4 954	166	726	800	1 682
1975 to 1978	238	...	...	7 820	1 906	5 526	1 156	44	267	5 084	106	1 004	304	1 182
1970 to 1974	57	...	...	3 854	813	2 572	308	6	15	2 359	27	313	47	385
1960 to 1969	39	...	...	4 461	543	1 505	140	...	5	1 536	5	145	23	200
1959 or earlier	22	...	...	2 449	381	1 492	61	...	6	693	...	65	12	94
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER															
Occupied housing units	50	...	...	14 458	3 612	7 060	495	33	46	3 192	14	159	52	571
Owner-occupied housing units	10	...	...	10 287	2 735	3 485	322	22	...	2 224	4	24	18	287
Lacking complete plumbing for exclusive use ..	...	...	...	296	21	503	14	5	...	141	...	...	...	10
No complete kitchen facilities	7	...	...	227	85	367	12	5	...	95	...	...	...	10
No vehicle available	15	...	...	3 690	921	1 660	171	15	25	693	5	86	21	206
No telephone .....	...	...	...	443	103	778	...	5	4	168	...	45	...	13
Lacking central heating system	50	...	...	13 416	3 159	6 214	434	29	42	2 943	14	129	59	555
Lacking air conditioning	37	...	...	13 210	3 049	6 862	391	33	46	2 963	10	159	52	545

Table 67. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see Appendixes A and B]

The State

Occupied housing units

YEAR STRUCTURE BUILT

1979 to March 1980	-----
1975 to 1978	-----
1970 to 1974	-----
1960 to 1969	-----
1950 to 1959	-----
1940 to 1949	-----
1939 or earlier	-----

BEDROOMS

None	1 072	123	263	16	670	304	6	19	467	274	6 669	180	111	8 540	53
1	3 169	355	694	11	1 828	944	19	30	1 491	785	19 493	812	143	26 424	229
2	4 999	658	1 402	56	2 883	1 635	69	28	2 067	1 200	31 492	1 707	289	38 494	430
3	5 748	628	1 760	35	3 323	1 496	37	23	2 886	1 506	36 566	1 166	269	42 675	386
4	1 617	169	383	19	1 064	517	19	6	691	384	12 776	589	63	18 810	129
5 or more	363	20	79	—	264	82	—	—	223	58	2 389	50	6	5 901	41

UNITS IN STRUCTURE

1, detached	7 613	564	2 218	42	4 789	2 244	26	28	3 652	1 663	47 362	740	279	94 577	597
1, attached	873	151	202	8	512	264	15	—	365	229	6 664	510	42	8 810	25
2	1 033	128	275	—	630	292	4	19	1 423	784	19 493	676	184	26 424	229
3 and 4	1 137	238	285	11	603	224	46	14	473	380	6 955	705	76	7 432	53
5 to 9	1 726	218	520	16	972	482	19	5	711	509	7 719	572	60	10 405	80
10 to 49	1 497	169	383	19	1 255	727	19	6	1 054	538	13 811	631	18	18 810	129
50 or more	1 799	301	400	41	1 057	745	12	22	688	332	21 200	800	180	17 002	165
Mobile home or trailer, etc.	20	—	11	—	9	—	—	—	20	—	261	—	—	92	—

UNITS IN STRUCTURE BY GROSS RENT

Specified renter-occupied housing units	10 300	1 680	2 915	88	5 617	3 137	124	89	4 193	2 757	61 253	3 659	693	62 492	729
1, mobile home or trailer, etc.	20	—	11	—	9	—	—	—	—	—	261	—	—	92	—
Median gross rent	\$339	\$384	\$319	\$500+	\$335	\$336	\$500+	\$500+	\$338	\$344	\$399	\$408	\$422	\$280	\$428
2 or more	7 050	1 169	2 031	61	3 789	2 124	105	78	2 770	1 973	41 169	2 983	507	42 379	537
Median gross rent	\$293	\$526	\$264	\$294	\$296	\$311	\$271	\$289	\$288	\$282	\$345	\$315	\$325	\$272	\$343

BATHROOMS

No bathroom or only a half bath	642	111	179	6	346	197	—	14	306	125	2 644	122	45	4 686	25
1 complete bathroom	9 576	1 065	2 863	58	5 990	2 826	75	77	4 171	2 427	48 737	2 333	464	74 002	719
1 complete bathroom plus half bath(s)	2 553	286	754	27	1 486	673	43	9	1 172	656	14 952	955	105	20 774	118
2 or more complete bathrooms	4 197	491	985	46	2 675	1 282	32	6	1 976	901	43 052	1 094	267	53 984	406

SOURCE OF WATER

Public system or private company	16 673	1 928	4 685	131	9 929	4 860	7	150	106	7 492	4 065	106 967	4 452	853	159 444	1 268
Individual drilled well	54	7	15	6	26	7	—	—	—	42	5	—	—	176	—	—
Individual dug well	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Some other source	241	18	81	—	142	111	—	—	91	39	2 432	44	28	1 190	—	—

HEATING EQUIPMENT

Steam or hot water system	1 287	98	307	2	880	226	11	10	802	328	2 181	97	10	11 313	62
Central warm-air furnace	4 044	26	24	—	54	50	—	—	23	31	662	47	—	345	—
Electric heat pump	2 279	36	88	19	1 455	71	11	37	1 055	92	9 063	31	19	11 918	124
Other built-in electric units	489	92	139	—	258	103	17	—	200	169	2 421	310	7	2 925	20
Floor, wall, or pipeless furnace	31	—	—	—	31	—	—	—	31	—	53	22	—	54	—
Room heaters with flue	16	—	12	—	4	6	—	—	10	—	156	19	—	312	15
Room heaters without flue	13	7	—	—	4	7	—	—	6	—	156	8	—	116	—
Fireplaces, stoves, or portable room heaters	289	55	71	—	163	132	—	—	106	51	3 624	82	11	2 736	43
None	14 460	1 639	4 140	125	8 556	4 383	111	96	6 342	3 528	99 498	3 876	853	140 939	1 114

SELECTED CHARACTERISTICS

No telephone	1 273	171	378	6	718	349	17	—	521	336	5 429	350	138	7 233	72
No complete kitchen facilities	349	49	130	70	275	145	49	6	149	49	2 975	63	71	3 683	29
Lacking air conditioning	14 863	1 510	4 384	108	8 861	4 223	95	86	6 854	3 605	85 294	3 283	692	140 257	1 156
Lacking public sewer	3 779	321	1 207	—	2 251	1 163	4	12	1 710	890	20 579	244	151	31 608	176
No vehicle available	2 109	185	751	6	1 167	687	22	41	776	383	10 936	478	145	16 671	170

YEAR HOUSEHOLDER MOVED INTO UNIT

Owner-occupied housing units	8 691	259	1 790	42	4 600	1 792	26	11	3 343	1 315	46 819	722	188	97 177	519
1979 to March 1980	6 451	209	945	15	2 922	1 278	—	—	433	150	8 830	219	38	9 291	53
1975 to 1979	1 728	92	367	19	1 590	749	—	—	1 015	230	15 832	264	80	19 946	180
1970 to 1974	1 666	70	243	—	1 053	380	—	—	895	380	9 182	109	11	11 019	79
1960 to 1969	1 466	32	430	8	976	344	13	—	774	515	7 937	81	9	25 789	70
1950 to 1959	495	6	165	—	324	180	9	—	161	145	3 540	30	30	15 150	51
1949 or earlier	295	—	90	—	205	131	—	—	69	95	2 277	9	—	7 882	39

Renter-occupied housing units

1979 to March 1980	10 477	1 694	2 991	95	5 697	3 186	124	95	4 278	2 794	62 566	3 782	693	63 869	749
1975 to 1979	4 424	949	1 130	70	2 775	1 420	146	28	1 611	1 279	31 572	2 277	390	20 483	403
1970 to 1974	3 853	622	1 161	25	2 045	1 162	25	30	1 660	976	22 879	1 372	222	21 557	206
1960 to 1969	1 166	87	337	—	742	296	7	19	535	309	4 837	84	38	7 779	76
1950 to 1959	675	27	258	—	90	220	28	7	283	155	2 463	48	28	4 670	45
1949 or earlier	359	9	105	—	245	88	—	7	189	75	816	7	15	4 970	19

CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER

Occupied housing units	1 849	34	501	7	1 307	527	—	8	874	440	14 252	206	42	28 247	131
Owner-occupied housing units	912	14	221	—	677	254	—	—	874	440	9 205	120	15	18 670	80
Lacking complete plumbing for exclusive use	67	—	23	—	44	36	—	—	25	7	370	—	—	7 064	3
No complete kitchen facilities	48	—	13	—	35	16	—	—	25	7	370	—	—	7 064	3
No vehicle available	558	20	207	—	331	162	—	8	222	166	3 782	50	7	6 055	40
No telephone	113	—	—	—	90	29	—	—	76	8	463	—	—	1 470	5
Lacking central heating system	1 633	34	468	7	1 124	481	—	8	717	427	13 496	194	42	25 702	128
Lacking air conditioning	1 742	26	491	—	1 225	461	—	8	848	425	11 096	141	29	25 923	120

Table 68. **Fuels and Financial Characteristics of Housing Units With a White Householder: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

The State	Urban					Rural					Rural farm	Inside SMSA's	Outside SMSA's
	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 or more	Places of 2,500 to 10,000	Places of 1,000 to 2,500			
		Total	Central cities	Urban fringe	Total	Places of 1,000 or more							
Occupied housing units	114 363	96 620	81 586	55 816	25 770	4 960	10 074	17 743	3 715	408	89 682	24 681	
HOUSE HEATING FUEL													
Utility gas	2 123	2 099	2 067	1 532	535	26	6	24	8	—	2 081	42	
Bottled, tank, or LP gas	709	457	347	132	215	42	68	252	23	10	421	288	
Electricity	4 132	3 619	3 119	1 519	2 100	280	231	691	66	3	3 961	862	
Fuel oil, kerosene, etc.	325	113	84	25	59	—	29	212	24	—	84	241	
Coal or coke	7	7	7	—	—	—	—	—	—	—	7	—	
Wood	2 403	1 062	797	291	506	98	167	1 341	89	94	857	1 546	
Other fuel	92	84	81	76	5	—	3	8	—	—	81	11	
No fuel used	103 881	88 666	74 584	52 234	22 350	4 514	9 568	15 215	3 505	301	82 190	21 691	
WATER HEATING FUEL													
Utility gas	17 364	17 149	15 784	12 347	3 437	791	574	215	70	—	16 248	1 116	
Bottled, tank, or LP gas	8 806	4 733	2 747	1 974	773	710	1 276	4 073	732	130	3 186	5 620	
Electricity	84 839	72 898	61 643	40 272	21 371	3 357	7 898	11 941	2 738	210	68 746	16 071	
Fuel oil, kerosene, etc.	706	606	530	215	318	—	25	100	—	—	536	170	
Other fuel	1 870	959	662	535	127	63	234	911	129	51	720	1 146	
No fuel used	778	275	220	176	44	14	41	503	46	17	220	558	
COOKING FUEL													
Utility gas	11 940	11 708	10 632	7 927	2 705	616	460	232	59	—	10 969	971	
Bottled, tank, or LP gas	7 785	3 228	1 461	991	470	570	1 197	4 557	716	160	1 969	5 816	
Electricity	93 357	80 807	68 866	46 405	22 461	3 654	8 287	12 550	2 907	232	76 055	17 302	
Other	430	134	64	54	16	—	56	296	10	16	615	355	
No fuel used	851	743	563	434	129	106	74	108	23	—	614	237	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units													
With a mortgage	31 067	26 320	18 641	12 516	6 125	1 891	3 788	6 747	1 101	141	21 002	10 065	
Less than \$100	22 987	19 007	15 037	9 300	5 537	1 114	2 856	3 980	626	75	16 997	5 990	
\$100 to \$149	114	62	25	7	18	15	22	52	14	—	47	67	
\$150 to \$199	287	157	102	62	30	30	30	135	24	—	123	164	
\$200 to \$249	628	463	273	141	132	70	120	165	26	19	336	292	
\$250 to \$299	1 183	986	741	437	304	72	173	197	40	—	850	333	
\$300 to \$349	1 636	1 237	955	543	412	92	190	399	75	—	1 046	590	
\$350 to \$399	1 526	1 188	840	511	329	116	232	338	73	16	927	599	
\$400 to \$449	1 602	1 221	856	510	346	140	225	381	26	6	1 008	594	
\$450 to \$499	1 471	1 175	845	513	332	139	191	296	30	—	952	519	
\$500 to \$549	1 599	1 215	957	486	277	122	156	184	34	5	1 154	445	
\$550 to \$599	2 703	2 305	1 780	1 147	633	111	414	398	69	6	2 068	635	
\$600 to \$649	3 774	3 222	2 539	1 416	1 123	139	544	552	102	—	2 940	834	
\$650 to \$699	5 781	4 644	3 507	2 177	1 617	98	559	583	95	23	546	918	
\$700 or more	5555	5580	5408	5618	5596	5412	5523	5454	5442	5371	5599	5434	
Not mortgaged	8 080	5 313	3 604	3 016	588	777	932	2 767	495	66	4 005	4 075	
Less than \$50	576	150	63	41	22	19	68	426	22	31	100	476	
\$50 to \$99	1 186	680	387	319	68	148	145	506	88	—	471	175	
\$100 to \$149	1 641	1 023	603	470	123	188	211	639	118	7	751	890	
\$150 to \$199	2 736	1 960	1 345	1 094	251	289	326	776	160	17	1 439	1 297	
\$200 to \$249	1 167	903	697	611	96	79	127	264	43	11	728	432	
\$250 to \$299	416	286	208	166	22	25	23	80	38	—	288	128	
\$300 or more	358	282	221	215	6	29	32	76	26	—	221	137	
Median	\$110	\$117	\$123	\$128	\$110	\$105	\$105	\$93	\$104	\$82	\$119	\$99	
GROSS RENT													
Specified renter-occupied housing units													
Less than \$50	64 390	55 643	48 111	32 109	16 002	2 677	4 855	8 747	2 227	75	52 703	11 687	
\$50 to \$59	131	101	76	46	30	5	20	30	—	—	88	43	
\$60 to \$69	205	187	90	90	46	18	31	18	7	—	90	115	
\$70 to \$79	486	388	260	200	69	59	69	98	9	—	300	186	
\$80 to \$89	500	317	242	209	33	37	38	183	14	16	284	219	
\$90 to \$99	442	314	231	188	37	62	67	142	14	3	273	289	
\$100 to \$149	815	620	423	338	85	83	118	191	43	—	520	295	
\$150 to \$199	1 073	847	639	561	78	129	79	226	101	—	740	333	
\$200 to \$249	1 954	1 599	1 134	866	145	186	145	296	117	—	1 737	513	
\$250 to \$299	6 932	6 167	532	3 471	2 081	324	291	765	235	—	6 010	922	
\$300 to \$349	6 736	6 010	5 264	3 864	1 400	275	471	726	129	—	5 712	1 024	
\$350 to \$399	5 847	4 927	3 982	3 589	1 338	402	519	599	133	—	5 435	912	
\$400 to \$449	7 157	6 085	5 255	3 793	1 732	215	545	872	209	—	6 177	980	
\$450 to \$499	9 836	8 680	7 290	5 112	2 173	461	929	1 159	367	7	7 959	1 880	
\$500 or more	11 831	10 422	8 487	6 278	2 209	287	1 248	1 809	436	21	9 130	2 701	
No cash rent	9 926	7 771	7 419	5 136	2 483	111	241	1 555	413	28	8 148	1 178	
Median	\$359	\$358	\$359	\$359	\$357	\$310	\$388	\$364	\$375	\$464	\$358	\$366	
HOUSEHOLD INCOME IN 1979													
Occupied housing units													
Median income	114 363	96 620	81 586	55 816	25 770	4 960	10 074	17 743	3 715	408	89 682	24 681	
Owner-occupied housing units	118 851	109 368	119 581	119 795	119 235	115 976	119 267	116 381	116 097	520 086	119 316	117 289	
Renter-occupied housing units	48 512	40 055	32 614	23 335	9 279	278	5 169	8 556	445	294	36 057	12 554	
Median income	67 652	56 565	48 972	32 481	16 491	2 688	4 905	9 187	2 270	114	53 625	12 127	
Median income	\$14 345	\$14 521	\$14 711	\$14 556	\$14 953	\$10 784	\$14 437	\$12 944	\$12 349	\$18 846	\$14 502	\$13 346	
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units													
Percent below poverty level	2 318	1 602	1 248	980	268	108	246	716	86	57	1 429	689	
Complete plumbing for exclusive use	13.4	4.0	3.8	4.2	2.9	4.8	4.8	8.4	6.0	19.4	4.0	7.1	
Complete plumbing for exclusive use	2 106	1 578	1 224	989	265	108	246	528	86	48	1 399	710	
1.01 or more persons per room	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Complete plumbing for exclusive use	212	24	24	21	32	—	—	188	—	—	9	33	
1.01 or more persons per room	66	—	—	—	—	—	—	—	—	—	—	—	
Renter-occupied housing units													
Percent below poverty level	8 139	12 733	10 249	3 816	1 433	736	992	1 842	337	23	6 248	2 551	
Complete plumbing for exclusive use	13.4	4.0	3.8	4.2	2.9	4.8	4.8	8.4	6.0	19.4	4.0	7.1	
Complete plumbing for exclusive use	8 337	6 753	5 084	3 179	1 433	736	992	1 842	337	20.2	11 770	2 100	
1.01 or more persons per room	1 140	904	587	398	189	95	222	236	17	—	850	290	
Complete plumbing for exclusive use	482	222	165	137	28	29	28	260	35	16	170	312	
1.01 or more persons per room	92	42	27	6	21	9	6	50	4	16	32	60	

Table 69. Fuels and Financial Characteristics of Housing Units With a Black Householder: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban						Rural					
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Occupied housing units	4 654	4 446	4 156	1 731	2 425	83	207	208	45	—	4 445	209
HOUSE HEATING FUEL												
Utility gas	135	131	131	52	79	—	—	4	4	—	135	—
Bottled, tank, or LP gas	30	30	30	15	15	—	—	—	—	—	30	—
Electricity	478	450	444	48	396	—	11	23	5	—	478	—
Fuel oil, kerosene, etc.	3	3	3	—	3	—	—	—	—	—	3	—
Cool or coke	—	—	—	—	—	—	—	—	—	—	—	—
Wood	21	21	21	15	6	—	—	—	—	—	21	—
Other fuel	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used	3 987	3 806	3 527	1 601	1 926	83	196	181	36	—	3 778	209
WATER HEATING FUEL												
Utility gas	738	738	677	359	318	38	23	—	—	—	700	38
Bottled, tank, or LP gas	194	145	118	41	77	—	27	49	16	—	135	59
Electricity	3 684	3 531	3 337	1 310	2 027	45	149	153	29	—	3 578	106
Fuel oil, kerosene, etc.	17	17	17	3	14	—	—	—	—	—	17	—
Other	11	11	3	—	8	—	8	—	—	—	11	—
No fuel used	10	4	4	4	—	—	—	6	—	—	4	6
COOKING FUEL												
Utility gas	639	628	586	308	278	25	17	11	—	—	603	36
Bottled, tank, or LP gas	146	102	79	34	45	—	23	44	16	—	102	44
Electricity	3 841	3 688	3 470	1 368	2 102	51	167	153	29	—	3 719	122
Other	28	28	21	21	—	7	—	—	—	—	21	7
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	409	353	299	158	141	25	29	56	16	—	328	81
With a mortgage	300	283	236	108	128	18	29	17	—	—	265	35
Less than \$100	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	13	13	13	13	—	—	—	—	—	—	13	—
\$150 to \$199	34	34	26	17	9	—	8	—	—	—	34	—
\$200 to \$249	7	7	7	7	—	—	—	—	—	—	7	—
\$250 to \$299	26	26	14	14	—	12	—	—	—	—	14	12
\$300 to \$349	18	18	10	5	23	—	8	—	—	—	10	8
\$350 to \$399	49	49	35	25	10	6	8	—	—	—	43	6
\$400 to \$449	48	48	43	37	48	—	5	—	—	—	48	—
\$450 to \$499	85	75	66	76	21	—	9	—	—	—	76	9
\$500 or more	\$572	\$571	\$605	\$430	\$734	\$388	\$491	\$906	—	—	\$582	\$434
Median	109	70	63	50	13	7	—	39	16	—	63	46
Not mortgaged	10	—	—	—	—	—	—	10	—	—	—	—
Less than \$50	13	—	—	—	—	—	—	13	—	—	—	—
\$50 to \$74	25	9	9	9	—	—	—	16	16	—	9	16
\$75 to \$99	42	42	35	22	13	7	—	—	—	—	35	7
\$100 to \$149	19	19	19	19	—	—	—	—	—	—	19	—
\$150 to \$199	—	—	—	—	—	—	—	—	—	—	—	—
\$200 to \$249	—	—	—	—	—	—	—	—	—	—	—	—
\$250 or more	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$104	\$115	\$116	\$118	\$113	\$113	—	\$68	\$88	—	\$116	\$75
GROSS RENT												
Specified renter-occupied housing units	3 783	3 633	3 480	1 437	2 043	58	95	150	27	—	3 640	123
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$59	8	8	8	8	—	—	—	—	—	—	8	—
\$60 to \$79	19	8	8	8	—	—	—	11	—	—	8	11
\$80 to \$99	10	10	5	—	5	—	—	—	—	—	5	—
\$100 to \$119	22	16	9	—	7	—	—	6	—	—	9	13
\$120 to \$149	34	34	34	11	23	—	—	—	—	—	34	—
\$150 to \$169	25	25	17	11	6	8	—	—	—	—	17	8
\$170 to \$199	189	189	189	70	119	—	—	—	—	—	189	—
\$200 to \$249	472	467	446	193	253	21	—	5	—	—	446	26
\$250 to \$299	498	487	477	207	270	6	4	11	5	—	492	6
\$300 to \$349	324	276	253	51	202	—	23	48	—	—	306	18
\$350 to \$399	313	309	287	99	188	—	22	4	—	—	313	—
\$400 to \$499	531	514	482	189	293	11	21	17	9	—	512	19
\$500 or more	385	372	347	218	129	—	25	13	—	—	375	10
No cash rent	953	918	918	363	555	—	—	35	13	—	946	7
Median	\$321	\$321	\$317	\$320	\$317	\$214	\$397	\$326	\$422	—	\$324	\$225
HOUSEHOLD INCOME IN 1979												
Occupied housing units	4 654	4 446	4 156	1 731	2 425	83	207	208	45	—	4 445	209
Median income	\$13 376	\$13 217	\$13 063	\$13 484	\$12 745	\$15 625	\$15 845	\$15 407	\$10 313	—	\$13 273	\$15 579
Owner-occupied housing units	748	692	555	258	297	25	112	56	16	—	662	86
Median income	\$21 348	\$21 821	\$23 045	\$22 723	\$23 550	\$22 292	\$18 026	\$14 808	\$2500	—	\$21 700	\$17 059
Renter-occupied housing units	3 906	3 754	3 601	1 473	2 128	58	95	152	29	—	3 783	123
Median income	\$12 101	\$11 993	\$12 031	\$12 311	\$11 851	\$10 000	\$11 375	\$15 606	\$16 250	—	\$12 113	\$11 477
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	66	50	41	28	13	—	9	16	16	—	50	16
Percent below poverty level	12.8	7.2	7.4	10.9	4.4	—	8.0	28.6	100.0	—	7.6	18.6
Complete plumbing for exclusive use	46	50	41	28	13	—	9	16	16	—	50	16
1.01 or more persons per room	10	10	10	10	—	—	—	—	—	—	10	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	499	483	448	249	199	13	22	16	—	—	470	29
Percent below poverty level	12.9	12.9	12.4	16.9	9.4	22.4	23.2	10.5	—	—	12.4	23.6
Complete plumbing for exclusive use	476	448	448	249	199	6	22	16	—	—	470	22
1.01 or more persons per room	91	91	81	34	47	—	10	—	—	—	91	—
Lacking complete plumbing for exclusive use	7	7	—	—	—	7	—	—	—	—	—	7
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—

Table 70. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban					Rural				
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Places of 1,000 to 2,500
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000			
Occupied housing units	16 968	14 156	10 918	6 236	4 682	1 106	2 132	2 812	706	57 12 924 4 044
HOUSE HEATING FUEL										
Utility gas	968	963	952	664	288	—	11	5	—	963 5
Bottled, tank, or LP gas	337	277	211	78	133	28	38	60	18	247 90
Electricity	1 017	907	807	469	338	41	110	59	23	899 118
Fuel oil, kerosene, etc.	50	47	41	4	37	—	6	3	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	121	25	10	5	5	—	—	94	6	29 92
Other fuel	15	15	15	7	8	—	—	—	—	15 —
No fuel used	14 460	11 922	8 862	5 140	3 742	1 037	2 003	2 538	657	57 10 730 3 730
WATER HEATING FUEL										
Utility gas	2 290	2 235	1 830	1 425	405	263	142	55	16	1 978 312
Bottled, tank, or LP gas	2 063	1 132	574	377	197	233	325	931	226	38 714 1 349
Electricity	12 241	10 608	8 443	4 389	4 054	565	1 600	1 633	426	10 132 2 109
Fuel oil, kerosene, etc.	53	34	10	10	—	—	—	—	—	10 23
Coal or coke	240	120	42	26	16	26	52	120	18	5 67 173
No fuel used	101	37	19	19	—	5	13	64	20	— 23 78
COOKING FUEL										
Utility gas	2 135	2 068	1 709	1 336	373	232	127	67	7	6 1 847 288
Bottled, tank, or LP gas	2 018	996	422	226	196	198	376	1 022	203	32 646 1 372
Electricity	12 688	11 008	8 741	4 640	4 101	655	1 612	1 680	474	14 10 365 2 323
Other fuel	54	22	5	5	—	7	11	32	11	5 25 39
No fuel used	73	62	41	34	7	21	11	11	—	— 41 32
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	4 762	3 588	2 392	943	1 449	339	857	1 779	319	24 2 982 1 780
With a mortgage	3 680	2 891	1 962	669	1 293	240	689	1 789	228	24 2 440 1 240
Less than \$100	24	18	13	7	6	—	—	6	—	— 18 6
\$100 to \$149	40	60	40	9	30	7	14	30	17	— 17 43
\$150 to \$199	126	59	30	7	23	6	23	67	38	13 48 78
\$200 to \$249	198	165	109	22	87	22	34	33	5	— 127 71
\$250 to \$299	264	197	123	4	119	3	123	24	7	— 130 190
\$300 to \$349	401	288	138	57	81	49	101	183	37	4 183 218
\$350 to \$399	414	344	236	84	152	35	73	70	19	— 273 141
\$400 to \$449	292	268	155	62	93	21	92	24	6	— 188 104
\$450 to \$499	283	199	131	43	88	34	34	84	32	— 161 122
\$500 to \$599	545	441	319	93	226	18	104	105	31	7 400 146
\$600 to \$749	484	407	216	78	216	18	85	77	21	— 158 113
\$750 or more	466	406	323	143	180	18	67	57	—	— 417 48
Median	\$439	\$452	\$483	\$476	\$486	\$399	\$420	\$366	\$343	\$198 \$490 \$369
Not mortgaged	1 082	697	430	274	156	99	168	385	91	— 542 540
Less than \$50	45	22	5	—	—	—	—	11	—	— 13 32
\$50 to \$74	174	88	35	29	3	—	17	26	12	— 51 123
\$75 to \$99	260	128	84	56	28	15	29	132	31	— 101 159
\$100 to \$149	361	232	130	79	51	36	66	129	41	— 188 173
\$150 to \$199	197	178	101	90	61	20	7	19	40	— 158 82
\$200 to \$249	31	25	17	12	5	—	—	6	—	— 17 14
\$250 or more	14	14	8	8	—	—	—	6	—	— 14 14
Median	\$107	\$120	\$135	\$137	\$130	\$102	\$104	\$93	\$103	— \$124 \$93
GROSS RENT										
Specified renter-occupied housing units	10 300	8 893	7 190	4 567	2 623	678	1 025	1 407	352	17 8 378 1 922
Less than \$50	27	16	16	16	—	—	—	11	—	— 16 11
\$50 to \$59	170	99	61	35	26	—	—	16	9	— 42 15
\$60 to \$79	170	99	69	40	29	7	23	71	19	— 100 70
\$80 to \$99	209	155	115	59	56	15	25	54	54	— 154 55
\$100 to \$119	240	161	123	78	45	9	29	79	18	— 154 86
\$120 to \$149	320	224	145	93	52	30	49	96	26	— 212 108
\$150 to \$169	339	240	233	172	61	24	13	45	20	— 109 131
\$170 to \$199	380	255	152	102	50	8	24	69	20	— 302 123
\$200 to \$249	1 372	1 249	991	636	355	142	116	123	33	— 1 128 244
\$250 to \$299	1 240	1 118	947	684	263	59	112	122	23	— 1 098 131
\$300 to \$349	1 240	1 118	947	684	263	59	112	123	23	— 1 098 131
\$350 to \$399	1 240	1 118	947	684	263	59	112	123	23	— 1 098 131
\$400 to \$499	1 252	1 105	860	561	299	100	145	147	50	— 1 126 144
\$500 or more	856	735	592	361	233	20	143	101	41	— 988 264
No cash rent	1 112	884	440	350	490	12	32	228	47	9 686 270
Median	\$307	\$311	\$311	\$311	\$312	\$276	\$330	\$258	\$286	\$500+ \$311 \$275
HOUSEHOLD INCOME IN 1979										
Occupied housing units	16 968	14 156	10 918	6 236	4 682	1 106	2 132	2 812	706	57 12 924 4 044
Median income	\$15 978	\$15 776	\$15 922	\$15 040	\$17 177	\$12 969	\$16 387	\$15 116	\$16 515	\$22 788 \$15 783 \$15 345
Owner-occupied housing units	10 477	8 691	6 148	3 633	2 515	631	1 028	1 407	352	17 8 378 1 922
Median income	\$24 217	\$25 275	\$26 631	\$26 777	\$26 508	\$24 688	\$28 833	\$19 690	\$19 906	\$23 942 \$26 210 \$19 343
Renter-occupied housing units	10 477	9 012	7 280	4 605	2 675	678	1 054	1 465	359	22 8 509 968
Median income	\$11 781	\$11 976	\$12 110	\$12 641	\$11 353	\$9 814	\$12 705	\$10 812	\$11 108	\$11 667 \$11 901 \$11 353
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	423	340	264	111	153	9	67	83	21	— 315 108
Percent below poverty level	6.5	6.6	7.3	6.8	7.6	2.1	6.2	6.2	6.1	— 7.1 5.2
Complete plumbing for exclusive use	417	340	264	111	153	9	67	77	21	— 315 108
1.01 or more persons per room	110	110	84	33	51	—	—	26	—	— 103 7
Living complete plumbing for exclusive use	6	6	—	—	—	—	—	6	—	— 6 6
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	— 6 6
Renter-occupied housing units	2 584	2 169	1 590	986	604	225	354	415	91	5 2 059 525
Percent below poverty level	24.2	24.1	21.8	21.4	22.6	33.2	33.6	28.3	25.3	22.7 24.2 26.7
Complete plumbing for exclusive use	2 478	2 109	1 555	956	602	212	349	399	76	— 2 013 465
1.01 or more persons per room	779	668	458	309	149	67	143	111	29	— 630 149
Living complete plumbing for exclusive use	106	60	35	30	5	13	12	46	15	5 46 60
1.01 or more persons per room	15	—	—	—	—	—	—	15	6	— 15 6

Table 71. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State	Asian and Pacific Islander													Race, n.e.c.
	American Indian	Esquimo	Aleut	Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoan	Other	
Occupied housing units	959	7	21	78 002	18 502	31 989	5 523	227	733	29 064	392	2 664	1 575	5 377
HOUSE HEATING FUEL														
Utility gas	12	...	...	3 677	1 391	2 222	418	26	104	1 397	41	243	110	231
Bottled, tank, or LP gas	8	...	...	936	171	779	68	...	22	548	5	76	38	51
Electricity	7	...	...	2 914	901	1 706	344	8	22	1 280	41	175	81	367
Fuel oil, kerosene, etc .....	...	...	...	284	45	83	27	...	...	173	...	11	...	33
Coal or coke .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wood	11	...	...	419	110	91	31	...	...	206	...	...	...	53
Other fuel .....	...	...	...	65	13	22	5	...	...	...	...	...	...	...
No fuel used	921	...	21	69 707	15 871	27 071	4 629	193	585	25 415	305	2 159	1 346	4 642
WATER HEATING FUEL														
Utility gas	199	...	7	11 739	3 799	4 452	938	40	168	3 551	55	706	317	780
Bottled, tank, or LP gas	95	...	...	6 142	855	4 931	309	6	61	3 767	14	195	90	657
Electricity	633	...	14	58 043	13 551	21 245	4 196	168	470	20 940	316	1 711	1 163	3 862
Fuel oil, kerosene, etc .....	...	...	...	...	...	...	...	...	21	172	...	10	5	10
Other	17	...	...	1 421	173	70	13	...	...	363	7	19	...	55
No fuel used	15	...	...	240	46	349	3	5	13	271	...	23	...	13
COOKING FUEL														
Utility gas	191	...	...	10 157	3 567	4 490	761	28	149	3 436	64	770	328	680
Bottled, tank, or LP gas	36	...	...	7 747	674	5 550	181	6	55	3 860	21	160	87	579
Electricity	497	...	21	61 587	14 205	21 311	4 551	185	525	21 417	307	1 695	1 160	4 098
Other .....	...	...	...	101	12	413	14	...	...	187	...	6	...	8
No fuel used	8	...	...	410	44	225	16	...	4	164	...	33	...	12
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	139	...	...	41 781	9 032	11 251	1 618	70	38	11 752	49	285	227	1 377
With a mortgage	128	...	...	27 680	6 013	8 874	1 261	60	38	8 676	35	246	177	969
Less than \$100 .....	...	...	...	131	28	64	...	...	...	42	...	...	...	7
\$100 to \$149 .....	...	...	...	175	75	149	...	...	...	134	...	...	...	4
\$150 to \$199	5	...	...	1 270	188	362	30	...	...	442	7	7	...	45
\$200 to \$249 .....	...	...	...	2 390	311	681	55	...	8	703	...	13	4	69
\$250 to \$299 .....	...	...	...	943	157	909	101	...	...	1 536	...	...	...	79
\$300 to \$349	17	...	...	2 755	579	872	120	...	...	988	...	27	19	84
\$350 to \$399	13	...	...	2 717	502	712	98	...	...	919	...	5	30	23
\$400 to \$449 .....	...	...	...	721	465	830	109	8	...	651	...	11	...	4
\$450 to \$499 .....	...	...	...	2 212	441	721	73	...	...	626	6	25	16	96
\$500 to \$599	32	...	...	3 445	804	1 125	168	...	...	938	6	31	53	164
\$600 to \$699	11	...	...	6 548	747	1 255	99	...	9	255	...	49	21	137
\$700 or more	34	...	...	3 533	1 314	1 207	295	35	21	900	...	37	22	92
Median	\$570	...	...	\$428	\$484	\$442	\$517	\$800	\$1000+	\$385	\$425	\$488	\$509	\$452
Not mortgaged	11	...	...	14 101	3 019	2 377	357	10	...	3 076	14	39	50	408
Less than \$50 .....	...	...	...	250	50	120	13	...	...	45	...	...	...	19
\$50 to \$74 .....	...	...	...	2 061	256	495	97	...	...	356	...	...	6	94
\$75 to \$99 .....	...	...	...	3 554	574	562	50	...	...	520	...	...	16	106
\$100 to \$149	11	...	...	1 202	173	1 332	173	...	1	1 121	14	17	...	62
\$150 to \$199 .....	...	...	...	1 801	593	794	105	...	...	530	...	16	18	44
\$200 to \$249 .....	...	...	...	402	251	98	12	...	...	138	...	6	...	...
\$250 or more .....	...	...	...	217	74	35	8	...	...	45	...	...	...	...
Median	\$138	...	...	\$108	\$125	\$101	\$131	\$79	\$112	\$138	\$154	\$107	\$100	\$100
GROSS RENT														
Specified renter-occupied housing units	761	...	14	23 840	5 487	15 851	3 001	102	648	14 270	294	2 206	1 186	3 486
Less than \$50 .....	...	...	...	175	36	236	8	...	...	38	...	...	...	15
\$50 to \$59 .....	...	...	...	247	105	320	11	...	...	45	...	25	4	19
\$60 to \$79 .....	...	...	...	718	88	666	70	10	12	139	...	24	...	43
\$80 to \$99 .....	...	...	...	696	38	1 068	74	5	11	235	7	14	...	65
\$100 to \$119	15	...	...	619	188	996	41	...	...	378	...	50	...	7
\$120 to \$149 .....	...	...	...	703	137	835	33	...	...	23	...	201	26	101
\$150 to \$169	29	...	...	777	165	603	45	...	6	402	16	240	33	87
\$170 to \$199	48	...	...	1 755	460	854	171	...	12	700	21	239	91	107
\$200 to \$249	102	...	...	3 846	701	1 840	390	19	58	1 968	62	275	183	437
\$250 to \$299 .....	...	...	...	3 949	860	1 912	405	12	134	1 954	10	242	205	426
\$300 to \$349 .....	...	...	...	83	117	418	117	...	130	2 047	...	12	161	492
\$350 to \$399	99	...	6	2 141	592	1 348	431	5	83	1 645	31	232	177	484
\$400 to \$499	97	...	...	2 143	616	1 382	460	14	82	1 902	40	260	147	357
\$500 or more	127	...	...	2 246	391	1 251	291	19	75	1 207	7	96	67	344
No cash rent	90	...	...	2 308	415	1 393	163	...	14	1 108	69	109	86	409
Median	\$342	...	\$272	\$266	\$287	\$245	\$320	\$314	\$320	\$305	\$285	\$244	\$301	\$316
HOUSEHOLD INCOME IN 1979														
Occupied housing units	959	7	21	78 002	18 502	31 989	5 523	227	733	29 064	392	2 664	1 575	5 377
Owner-occupied housing units	\$13 610	...	\$8 542	\$25 646	\$24 732	\$19 226	\$18 206	\$26 509	\$7 628	\$18 214	\$15 248	\$10 795	\$12 792	\$15 550
Median	192	...	...	35 840	12 903	15 736	125	...	83	14 438	88	411	389	1 834
Renter-occupied housing units	\$22 262	...	...	\$30 837	\$30 473	\$25 253	\$26 539	\$31 300	\$19 926	\$24 786	\$23 750	\$28 140	\$25 313	\$32 642
Median	167	...	14	24 146	5 393	16 233	2 014	...	14	626	304	253	1 186	3 569
Income in 1979 below poverty level	\$12 176	...	...	\$15 754	\$13 893	\$13 911	\$10 763	\$12 024	\$7 060	\$12 863	\$14 808	\$9 724	\$10 225	\$9 742
INCOME IN 1979 BELOW POVERTY LEVEL														
Owner-occupied housing units	10	...	...	1 277	382	693	147	...	5	1 115	...	35	22	127
Percent below poverty level	5.2	...	...	2.4	3.0	4.4	5.9	...	5.9	7.7	...	8.5	5.7	6.9
Complete plumbing for exclusive use	10	...	...	238	376	688	141	...	5	1 060	...	22	127	579
1.01 or more persons per room .....	...	...	...	36	56	123	23	...	...	313	...	19	16	5
Lacking complete plumbing for exclusive use .....	...	...	...	39	6	5	...	...	...	55	...	...	...	...
1.01 or more persons per room .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Renter-occupied housing units	183	...	...	3 080	1 100	2 765	741	26	321	3 636	59	944	453	868
Percent below poverty level	23.9	...	...	12.7	19.6	17.0	24.6	25.5	49.5	24.9	19.4	41.9	38.2	24.5
Complete plumbing for exclusive use	164	...	...	2 902	1 161	2 304	699	21	304	3 436	59	923	441	861
1.01 or more persons per room	33	...	...	414	277	890	198	9	178	1 229	22	621	281	292
Lacking complete plumbing for exclusive use	19	...	...	178	60	290	42	5	17	200	...	21	12	8
1.01 or more persons per room .....	...	...	...	39	19	71	21	...	12	77	...	21	8	3

Table 72. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State

	Total	Mexican	Puerto Rican	Cuban	Other Spanish	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.	
Occupied housing units	16 968	1 953	4 781	137	10 097	4 978	150	106	7 625	4 109	109 385	4 504	881 161 046	1 268		
HOUSE HEATING FUEL																
Utility gas	968	71	209	—	688	167	9	6	620	166	1 956	126	6	9 010	65	
Bottled, tank, or LP gas	337	29	88	2	218	70	2	4	210	51	639	28	4	2 433	—	
Electricity	1 017	177	286	10	544	274	28	—	400	315	4 549	450	7	7 072	65	
Fuel oil, kerosene, etc.	50	5	—	—	23	13	—	—	—	—	312	—	—	407	12	
Coal or coke	—	—	—	—	—	—	—	—	—	—	7	—	—	15	—	
Wood	121	32	21	—	68	—	—	—	29	28	2 339	—	21	11 828	25	
Other	15	—	15	—	7	—	—	—	—	—	85	—	—	142	—	
No fuel used	14 460	1 639	4 140	125	8 556	4 383	111	96	6 342	3 528	99 498	3 876	853 140 939	1 114		
WATER HEATING FUEL																
Utility gas	2 290	261	674	38	1 317	753	15	34	949	539	16 611	723	172	24 816	241	
Bottled, tank, or LP gas	2 063	161	698	22	1 182	567	5	5	934	552	8 239	189	97	15 436	105	
Electricity	12 241	1 506	3 270	63	7 402	3 528	122	61	5 582	2 948	81 311	3 562	586 116 221	914		
Fuel oil, kerosene, etc.	33	—	23	—	10	23	—	—	—	10	683	17	—	989	—	
Other	6	240	94	14	126	45	—	—	117	50	1 805	3	7	2 649	5	
No fuel used	101	19	22	—	60	42	—	—	6	43	736	10	9	435	3	
COOKING FUEL																
Utility gas	2 135	162	700	46	1 227	704	29	30	879	493	11 236	610	161	22 871	187	
Bottled, tank, or LP gas	2 018	127	615	12	1 264	578	5	1	1 039	454	7 265	141	56	15 302	125	
Electricity	12 688	1 643	3 442	79	7 524	3 728	116	76	5 626	3 142	89 429	3 725	649 121 117	956		
Other	54	—	13	—	41	—	—	—	46	8	430	—	7	695	—	
No fuel used	73	21	11	—	41	26	—	—	35	12	825	28	8	861	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																
Specified owner-occupied housing units	4 762	168	1 411	16	3 167	1 355	22	11	2 349	1 005	29 712	387	135	73 734	372	
With a mortgage	3 680	125	1 034	16	2 505	920	8	11	2 031	710	22 067	292	117	51 029	259	
Less than \$50	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$149	60	7	9	—	44	31	—	—	29	—	256	—	—	728	—	
\$150 to \$199	126	4	35	—	67	—	—	—	82	36	620	13	5	2 224	9	
\$200 to \$249	198	18	58	—	89	56	—	—	71	63	1 127	26	9	4 094	6	
\$250 to \$299	387	12	121	—	254	135	—	—	189	63	1 501	—	—	5 485	10	
\$300 to \$349	401	8	155	—	238	111	—	—	6	205	79	1 415	7	11	5 165	5
\$350 to \$399	414	12	145	—	257	63	—	—	248	103	1 539	43	13	5 162	22	
\$400 to \$449	292	4	67	—	221	81	—	—	160	51	1 390	18	7	4 216	28	
\$450 to \$499	283	4	72	—	211	35	—	—	178	70	1 564	20	3	3 942	26	
\$500 to \$549	546	44	145	—	357	161	—	—	280	100	2 542	161	27	6 315	44	
\$550 to \$599	484	26	101	—	357	96	—	—	302	86	3 678	48	11	5 446	51	
\$600 or more	465	8	81	—	368	136	—	—	275	54	6 328	63	34	6 089	38	
Median	\$509	\$529	\$378	\$628	\$460	\$436	\$225	\$346	\$456	\$436	\$543	\$535	\$451	\$475	\$435	
Not mortgaged	1 082	43	377	—	662	435	14	—	338	295	7 645	95	18	22 705	113	
Less than \$50	45	6	5	—	34	34	—	—	7	4	542	10	—	713	—	
\$50 to \$74	174	7	80	—	87	51	—	—	40	83	1 135	13	—	3 415	11	
\$75 to \$99	200	9	122	—	131	131	—	—	52	57	1 191	18	—	5 172	41	
\$100 to \$149	361	9	122	—	230	124	14	—	107	116	2 612	28	11	8 874	44	
\$150 to \$199	197	6	63	—	128	76	—	—	86	35	1 091	19	7	3 271	9	
\$200 to \$249	21	1	12	—	19	11	—	—	20	—	405	—	—	787	—	
\$250 or more	14	8	—	—	6	8	—	—	6	—	350	—	—	373	—	
Median	\$107	\$104	\$102	—	\$112	\$100	\$113	—	\$122	\$101	\$110	\$99	\$145	\$110	\$98	
GROSS RENT																
Specified renter-occupied housing units	10 300	1 680	2 915	88	5 617	3 137	124	89	4 193	2 757	61 255	3 659	693	62 492	729	
Less than \$50	27	6	15	—	6	6	—	—	6	15	125	—	—	494	—	
\$50 to \$59	57	—	33	—	24	14	—	—	14	19	191	—	—	733	—	
\$60 to \$79	170	—	80	—	105	34	—	—	101	35	452	19	—	1 626	8	
\$80 to \$99	209	—	60	—	149	75	—	—	86	48	425	10	—	2 068	21	
\$100 to \$119	240	30	97	—	113	66	—	—	109	65	596	22	15	2 171	10	
\$120 to \$149	320	9	110	—	209	81	4	—	153	79	1 210	25	9	4 094	22	
\$150 to \$169	339	34	87	—	218	75	—	—	163	87	1 998	19	23	12 222	10	
\$170 to \$199	425	22	169	—	228	117	12	4	203	89	2 133	47	44	10 100	18	
\$200 to \$249	312	23	162	—	167	101	14	23	531	383	6 531	401	458	6 791	54	
\$250 to \$299	240	160	341	16	228	338	6	14	541	341	6 398	497	59	9 142	85	
\$300 to \$349	241	241	392	17	617	401	11	7	556	367	5 977	313	76	7 277	126	
\$350 to \$399	207	207	276	7	487	391	6	8	511	354	6 766	307	97	6 174	130	
\$400 to \$499	252	246	378	7	761	386	18	21	569	258	9 453	513	83	6 477	99	
\$500 or more	856	207	184	17	438	327	2	6	294	227	11 304	383	121	3 919	137	
No cash rent	1 112	287	276	17	532	355	45	—	322	190	8 971	908	90	5 343	197	
Median	\$307	\$342	\$283	\$316	\$307	\$319	\$265	\$271	\$299	\$303	\$362	\$322	\$350	\$274	\$354	
HOUSEHOLD INCOME IN 1979																
Occupied housing units	16 968	1 953	4 781	137	10 097	4 978	150	106	7 625	4 109	109 385	4 504	881 161 046	1 268		
Owner-occupied housing units	6 491	259	1 790	42	4 400	1 792	26	11	3 447	1 315	46 819	722	188	97 177	519	
Median income	\$24 217	\$25 046	\$22 668	\$46 667	\$25 190	\$22 003	\$13 853	\$14 792	\$26 042	\$22 936	\$28 058	\$21 573	\$25 127	\$28 830	\$25 571	
Renter-occupied housing units	10 477	1 694	2 991	95	5 387	3 186	124	78	4 178	2 794	62 566	3 782	693	64 720	710	
Median income	\$11 781	\$12 181	\$9 474	\$14 886	\$13 013	\$12 114	\$11 250	\$11 875	\$13 303	\$9 525	\$14 459	\$12 115	\$11 952	\$13 789	\$13 117	
INCOME IN 1979 BELOW POVERTY LEVEL																
Owner-occupied housing units	423	10	124	—	289	105	—	—	209	109	2 213	46	10	3 467	18	
Less than 50 percent below poverty level	4	5	9	—	6	6	—	—	6	7	9	4	5	14	3	
Complete plumbing for exclusive use	417	10	124	—	283	99	—	—	209	109	2 007	66	10	3 356	18	
1.01 or more persons per room	110	—	12	—	98	29	—	—	76	5	118	10	—	626	—	
Leading complete plumbing for exclusive use	6	—	—	—	6	6	—	—	—	—	206	—	—	14	—	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Renter-occupied housing units	2 584	297	946	—	1 341	706	80	13	1 117	718	8 113	469	185	12 008	150	
Less than 50 percent below poverty level	17	15	31	—	23	24	2	12	26	25	12	17	4	20	17	
Complete plumbing for exclusive use	2 478	283	912	—	1 283	677	30	13	1 045	713	7 660	462	166	11 255	147	
1.01 or more persons per room	779	60	281	—	438	163	7	8	376	225	7 767	84	25	3 743	67	
Leading complete plumbing for exclusive use	106	14	34	—	28	29	—	—	7	5	452	7	—	715	3	
1.01 or more persons per room	15	9	—	—	6	—	—	—	15	—	92	—	9	253	3	

Table 73. Structural Characteristics for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Konahe, Hawaii	Honolulu (CDP)
YEAR STRUCTURE BUILT				
Year-round housing units	250 864	198 895	29 250	141 865
1979 to March 1980	8 462	6 507	992	4 326
1975 to 1979	29 399	23 855	2 841	16 417
1970 to 1974	50 527	39 538	4 729	25 626
1960 to 1969	74 750	58 989	10 402	42 159
1950 to 1959	45 246	34 865	7 059	24 880
1940 to 1949	21 312	16 805	2 357	13 227
1939 or earlier	21 168	18 336	870	15 230
Owner-occupied housing units				
1979 to March 1980	114 793	86 511	18 849	56 542
1975 to 1979	3 796	2 724	526	1 059
1970 to 1974	12 721	9 264	1 731	5 291
1960 to 1969	25 163	19 525	3 062	11 138
1950 to 1959	35 548	25 779	7 139	16 003
1940 to 1949	21 270	15 440	4 689	10 718
1939 or earlier	8 108	6 354	1 304	5 557
1939 or earlier	8 187	7 425	398	6 776
Renter-occupied housing units				
1979 to March 1980	115 421	96 005	9 313	70 597
1975 to 1979	1 885	1 509	209	1 161
1970 to 1974	12 780	11 026	944	7 727
1960 to 1969	20 689	16 922	1 531	11 722
1950 to 1959	33 968	28 793	3 017	22 183
1940 to 1949	21 791	17 760	2 220	12 752
1939 or earlier	12 235	9 763	976	7 185
1939 or earlier	12 073	10 232	416	7 867
BEDROOMS				
Year-round housing units	250 864	198 895	29 250	141 865
None	17 908	16 520	490	15 852
1	49 338	44 319	1 986	38 888
2	68 452	56 610	5 863	41 693
3	79 428	55 298	14 502	29 835
4	28 212	20 368	5 267	11 516
5 or more	7 326	5 780	1 142	4 081
Owner-occupied housing units				
None	114 793	86 511	18 849	56 542
1	1 803	1 694	98	1 566
2	10 652	9 386	782	7 855
3	23 786	19 855	2 561	14 797
4	52 281	36 742	10 190	20 332
5	20 219	14 027	4 290	8 537
5 or more	6 052	4 807	968	3 455
Renter-occupied housing units				
None	115 421	96 005	9 313	70 597
1	11 911	10 875	398	10 358
2	31 844	29 030	1 127	25 348
3	38 784	32 271	2 961	23 084
4	24 160	16 882	3 755	8 425
5	7 580	6 052	922	2 798
5 or more	1 142	895	150	564
STORIES IN STRUCTURE				
Year-round housing units	250 864	198 895	29 250	141 865
1 to 3	195 931	146 374	28 093	93 120
4 to 6	9 956	8 833	652	7 819
7 to 12	10 732	10 335	209	9 194
13 or more	34 245	33 353	296	31 732
PASSENGER ELEVATOR				
Year-round housing units	250 864	198 895	29 250	141 865
Structures with 4 or more stories	54 933	52 521	1 157	48 745
With elevator	50 306	48 084	1 003	44 922
UNITS IN STRUCTURE				
Year-round housing units	250 864	198 895	29 250	141 865
1, detached	105 995	72 872	20 318	42 897
1, attached	12 271	9 550	1 350	4 687
2	12 418	10 229	830	7 471
3 and 4	15 701	12 396	1 886	7 754
5 to 9	20 200	16 723	1 514	10 859
10 to 49	35 210	31 293	1 921	26 309
50 or more	48 801	45 582	1 420	41 685
Mobile home or trailer, etc.	268	250	11	203
Owner-occupied housing units				
1, detached	114 793	86 511	18 849	56 542
1, attached	78 738	55 989	15 717	33 361
2	4 613	3 166	737	1 235
3	3 817	3 258	212	2 618
3 and 4	3 184	2 331	625	1 296
5 or more	24 289	21 642	1 558	17 903
Mobile home or trailer, etc.	152	145	—	129
Renter-occupied housing units				
1, detached	115 421	96 005	9 313	70 597
1, attached	24 282	15 537	4 109	8 599
2	7 106	5 978	991	3 212
3	8 130	6 656	559	4 620
3 and 4	11 764	9 723	1 108	6 282
5 to 9	14 993	13 254	795	9 326
10 to 49	25 924	23 369	1 372	19 896
50 or more	23 124	21 401	768	18 606
Mobile home or trailer, etc.	98	87	11	56
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units	113 274	94 490	9 034	69 785
1, mobile home or trailer, etc.	29 439	20 087	4 432	11 055
Median gross rent	\$363	\$362	\$421	\$352
2 or more	83 935	74 403	4 602	58 730
Median gross rent	\$302	\$299	\$343	\$296

Table 74. Equipment and Plumbing Facilities for Areas and Places: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's			Urbanized areas		Places	
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu, Hawaii	Honolulu (CDP)		
Year-round housing units	250 864	198 895	29 259	141 865			
Complete kitchen facilities	244 932	193 990	28 811	137 566			
BATHROOMS							
No bathroom or only a half bath	4 726	4 191	201	3 380			
1 complete bathroom	123 193	102 470	7 880	82 937			
1 complete bathroom plus half bath(s)	36 101	27 270	4 795	13 721			
2 or more complete bathrooms	86 844	64 964	16 374	41 827			
SOURCE OF WATER							
Public system or private company	250 023	198 452	29 204	141 553			
Individual drilled well	279	174	8	82			
Individual dug well	33	15	—	15			
Some other source	529	254	38	215			
SEWAGE DISPOSAL							
Public sewer	232 523	192 793	26 046	139 552			
Septic tank or cesspool	16 708	4 742	3 103	1 430			
Other means	1 633	1 360	81	1 063			
AIR CONDITIONING							
None	198 012	151 903	25 699	105 223			
Central system	16 204	14 418	751	12 135			
1 or more individual room units	36 648	32 574	2 800	24 507			
HEATING EQUIPMENT							
Year-round housing units	250 864	198 895	29 259	141 865			
Steam or hot water system	14 674	12 786	1 462	9 148			
Central warm-air furnace	1 283	1 122	98	949			
Electric heat pump	2 928	2 377	233	1 657			
Other built-in electric units	5 383	4 791	270	1 967			
Floor, wall, or pipeless furnace	144	135	9	60			
Room heaters with flue	319	297	12	244			
Room heaters without flue	167	167	—	54			
Fireplaces, stoves, or portable room heaters	3 413	2 569	576	1 226			
None	222 553	174 651	26 570	126 560			
Owner-occupied housing units	114 793	86 511	10 849	56 542			
Steam or hot water system	7 276	6 075	1 005	3 741			
Central warm-air furnace	256	246	22	222			
Electric heat pump	1 060	804	130	469			
Other built-in electric units	1 612	1 345	153	827			
Floor, wall, or pipeless furnace	71	62	9	30			
Room heaters with flue	84	68	6	61			
Room heaters without flue	38	38	—	20			
Fireplaces, stoves, or portable room heaters	2 146	1 554	475	851			
None	102 250	76 319	17 071	50 301			
Renter-occupied housing units	115 421	96 005	9 313	70 597			
Steam or hot water system	7 097	6 441	463	5 177			
Central warm-air furnace	813	670	90	521			
Electric heat pump	1 752	1 476	103	1 099			
Other built-in electric units	3 572	3 295	102	1 080			
Floor, wall, or pipeless furnace	62	62	—	19			
Room heaters with flue	227	221	6	175			
Room heaters without flue	120	120	—	34			
Fireplaces, stoves, or portable room heaters	1 209	976	94	341			
None	100 569	82 724	8 455	62 151			
Occupied housing units	230 214	182 516	26 162	127 139			
No telephone	9 274	7 036	525	5 251			
VEHICLES AVAILABLE							
Total							
None	25 628	22 965	820	20 352			
1	95 735	79 255	8 970	58 201			
2	71 456	53 711	11 450	32 772			
3 or more	37 395	26 585	6 922	15 814			
Automobiles:							
None	27 625	24 264	1 109	21 177			
1	105 944	85 749	10 740	61 795			
2	71 137	53 411	11 808	32 468			
3 or more	25 508	19 092	4 505	11 701			
Trucks or vans:							
None	198 141	161 924	22 137	115 461			
1	29 748	19 235	5 530	10 847			
2	2 038	1 213	448	739			
3 or more	287	144	47	92			
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	114 793	86 511	10 849	56 542			
1979 to March 1980	14 917	11 154	2 174	6 538			
1975 to 1978	27 906	20 384	4 592	12 681			
1970 to 1974	22 412	16 545	3 882	10 056			
1960 to 1969	28 370	20 895	5 338	13 577			
1950 to 1959	14 487	11 612	2 175	8 562			
1949 or earlier	6 701	5 921	488	5 308			
Renter-occupied housing units	115 421	96 005	9 313	70 597			
1979 to March 1980	48 256	39 535	1 189	26 835			
1975 to 1978	42 128	35 653	3 306	25 974			
1970 to 1974	12 968	10 751	1 094	9 185			
1960 to 1969	8 254	6 892	582	6 114			
1959 or earlier	3 815	3 174	142	2 471			
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	31 784	26 589	2 797	22 502			
Owner-occupied housing units	20 015	16 396	2 256	13 508			
Lacking complete plumbing for exclusive use	506	454	16	368			
No complete kitchen facilities	486	560	46	480			
No vehicle available	8 902	8 034	298	7 310			
No telephone	1 091	722	33	767			
Lacking central heating system	28 672	23 799	2 561	20 514			
Lacking air conditioning	26 652	21 837	2 597	18 114			

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas		Places	
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (CDP)	
Occupied housing units	230 214	182 516	28 162	127 139	
HOUSE HEATING FUEL					
Utility gas	11 990	10 825	1 012	8 302	
Bottled, tank, or LP gas	2 667	2 073		1 021	
Electricity	10 883	9 288	826	4 954	
Fuel oil, kerosene, etc.	835	428		98	
Cool or coke	22	22		22	
Wood	1 167	790	296	248	
Other fuel	231	47		184	
No fuel used	202 819	159 043	25 526	112 452	
WATER HEATING FUEL					
Utility gas	41 185	37 853	2 266	32 369	
Bottled, tank, or LP gas	9 089	6 689	1 002	5 009	
Electricity	176 742	135 405	24 550	87 709	
Fuel oil, kerosene, etc.	848	828		796	
Other	1 644	1 127	304	732	
No fuel used	706	614	40	324	
COOKING FUEL					
Utility gas	33 839	31 010	1 905	26 237	
Bottled, tank, or LP gas	6 890	4 259	931	2 967	
Electricity	188 020	146 094	25 201	96 999	
Other	261	166	18	125	
No fuel used	1 204	987	107	811	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units	77 587	55 181	15 395	32 560	
With a mortgage	59 081	40 599	12 938	20 902	
Less than \$100	242	174	16	100	
\$100 to \$149	523	332	98	218	
\$150 to \$199	1 732	1 125	290	511	
\$200 to \$249	3 826	2 437	735	982	
\$250 to \$299	5 381	3 302	1 546	1 623	
\$300 to \$349	4 809	3 326	987	910	
\$350 to \$399	4 875	3 299	845	910	
\$400 to \$449	4 301	3 049	877	1 604	
\$450 to \$499	4 404	3 092	897	1 586	
\$500 to \$549	7 642	5 351	1 592	2 507	
\$550 to \$599	8 937	6 035	2 058	2 718	
\$600 to \$749	12 409	8 847	2 797	5 233	
\$750 or more		\$499	\$499	\$500	
Median	18 506	14 582	2 457	11 658	
Not mortgaged	353	222	20	147	
Less than \$50	1 789	1 279	242	961	
\$50 to \$74	3 815	2 018	428	2 278	
\$75 to \$99	7 716	6 118	1 105	4 906	
\$100 to \$149	3 319	2 699	467	2 226	
\$150 to \$199	1 022	823	144	748	
\$200 or more	492	423	51	392	
Median	\$119	\$120	\$123	\$123	
GROSS RENT					
Specified renter-occupied housing units	113 374	94 490	9 034	69 785	
Less than \$50	358	329	5	236	
\$50 to \$59	542	491	5	453	
\$60 to \$69	1 403	1 088	22	771	
\$70 to \$79	1 415	999	40	714	
\$80 to \$89	1 698	1 449	31	1 216	
\$90 to \$99	2 401	2 020	92	1 070	
\$100 to \$109	2 539	2 204	129	1 948	
\$110 to \$119	5 680	4 810	312	4 058	
\$120 to \$129	15 053	12 964	1 053	10 105	
\$130 to \$139	15 139	13 195	845	10 597	
\$140 to \$149	13 052	10 916	943	8 498	
\$150 to \$159	12 658	10 513	1 157	7 661	
\$160 to \$169	14 766	12 107	1 418	8 675	
\$170 to \$179	13 311	10 302	2 101	7 434	
\$180 to \$189	13 159	11 103	881	5 749	
\$190 to \$199	\$315	\$310	\$376	\$301	
Median					
HOUSEHOLD INCOME IN 1979					
Occupied housing units	230 214	182 516	28 162	127 139	
Median income	\$21 061	\$20 669	\$26 286	\$19 921	
Owner-occupied housing units	114 793	86 511	18 849	56 542	
Median income	\$30 237	\$30 664	\$31 995	\$30 836	
Renter-occupied housing units	115 421	96 005	9 313	70 597	
Median income	\$13 966	\$14 035	\$16 014	\$14 017	
INCOME IN 1979 BELOW POVERTY LEVEL					
Owner-occupied housing units	3 991	2 655	668	1 899	
Percent below poverty level	3.5	3.1	3.5	3.4	
Complete plumbing for exclusive use	3 914	2 599	1 136	1 846	
1.01 or more persons per room	651	355	108	198	
Local complete plumbing for exclusive use	77	56	6	53	
1.01 or more persons per room	14	8		8	
Renter-occupied housing units	17 942	14 248	1 151	10 920	
Percent below poverty level	15.5	14.8	15.5	15.5	
Complete plumbing for exclusive use	17 299	13 687	1 136	10 467	
1.01 or more persons per room	4 815	3 605	271	2 730	
Local complete plumbing for exclusive use	643	561	15	453	
1.01 or more persons per room	217	191	10	138	

Table 76. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (COP)
Occupied housing units	89 682	67 070	14 516	45 997
YEAR STRUCTURE BUILT				
1979 to March 1980	2 122	1 458	384	975
1975 to 1978	11 997	9 274	1 645	5 900
1970 to 1974	19 411	14 907	2 223	4 603
1960 to 1969	26 073	19 215	4 851	13 911
1950 to 1959	15 729	10 946	3 722	7 292
1940 to 1949	7 547	5 463	1 232	3 885
1939 or earlier	6 783	5 807	459	4 431
BEDROOMS				
None	5 541	5 016	249	4 820
1	16 319	14 454	849	12 937
2	26 301	20 936	3 104	14 685
3	28 136	17 660	6 970	8 736
4	11 423	7 691	2 782	3 940
5 or more	1 962	1 313	562	879
UNITS IN STRUCTURE				
1, detached	32 452	18 896	9 441	11 118
1, attached	4 466	4 757	880	2 181
2	4 566	3 542	450	2 134
3 and 4	6 692	5 097	995	2 702
5 to 9	7 551	5 969	953	3 135
10 to 49	11 965	10 440	921	8 445
50 or more	19 838	18 188	865	16 150
Mobile home or trailer, etc.	152	141	11	132
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units				
1, mobile home or trailer, etc.	52 703	42 449	5 662	28 734
Median gross rent	14 566	9 649	2 845	4 772
2 or more	5406	5399	5456	5405
Median gross rent	38 137	32 800	2 817	23 962
	\$342	\$341	\$365	\$368
BATHROOMS				
No bathroom or only a half bath	1 233	1 091	90	883
1 complete bathroom	40 593	32 734	3 613	25 727
1 complete bathroom plus half bath(1)	12 205	8 669	1 891	7 662
2 or more complete bathrooms	35 651	24 581	8 922	15 725
SOURCE OF WATER				
Public system or private company	89 389	66 878	14 502	45 817
Individual drilled well	65	26	—	26
Individual dug well	—	—	—	—
Some other source	228	164	14	154
HEATING EQUIPMENT				
Gas or hot water system	2 303	1 845	403	1 304
Central warm-air furnace	630	513	77	434
Electric heat pump	588	426	53	310
Other built-in electric units	2 183	1 986	77	442
Floor, wall, or pipeless furnace	37	37	—	16
Room heaters with flue	32	26	6	20
Room heaters without flue	89	89	—	6
Fireplaces, stoves, or portable room heaters	1 630	1 100	364	472
None	82 190	61 048	13 536	42 993
SELECTED CHARACTERISTICS				
No telephone	3 324	2 419	266	1 831
No complete kitchen facilities	1 925	1 551	234	315
Lacking air conditioning	66 684	47 054	12 544	31 262
Lacking public sewer	6 363	2 190	1 514	1 091
No vehicle available	10 058	9 126	357	8 391
YEAR HOUSEHOLDER MOVED INTO UNIT				
Owner-occupied housing units				
1979 to March 1980	36 057	23 921	8 693	16 930
1975 to 1978	6 580	4 420	1 360	2 660
1970 to 1974	11 328	7 446	2 425	3 077
1960 to 1969	6 959	4 663	1 668	3 399
1950 to 1959	6 807	4 327	1 963	3 103
1949 or earlier	2 797	1 793	632	1 485
Renter-occupied housing units				
1979 to March 1980	53 625	43 149	5 823	29 067
1975 to 1978	26 403	20 852	2 988	13 211
1970 to 1974	20 349	16 860	2 059	11 164
1960 to 1969	4 011	3 138	519	2 662
1950 to 1959	2 235	1 796	213	1 630
1949 or earlier	607	503	44	400
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER				
Occupied housing units	11 096	8 973	1 438	8 234
Owner-occupied housing units	6 792	5 210	1 167	4 668
Lacking complete plumbing for exclusive use	67	—	84	—
No complete kitchen facilities	276	236	16	233
No vehicle available	3 456	3 190	130	3 060
No telephone	10 453	8 440	1 350	7 762
Lacking central heating system	8 199	6 273	1 345	5 613

Table 77. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Honolulu (CDP)
Occupied housing units	4 445	3 709	447
YEAR STRUCTURE BUILT			
1979 to March 1980	119	86	20
1975 to 1978	949	869	54
1970 to 1974	1 114	871	119
1960 to 1969	1 021	868	82
1950 to 1959	618	466	135
1940 to 1949	388	330	37
1939 or earlier	236	—	119
BEDROOMS			
None	168	129	33
1	794	749	23
2	1 672	1 489	105
3	1 175	830	197
4	585	474	77
5 or more	50	38	12
UNITS IN STRUCTURE			
1, detached	620	419	150
1, attached	525	458	40
2	214	129	50
3 and 4	627	627	83
5 to 9	591	507	27
10 to 49	953	836	76
50 or more	791	733	21
Mobile home or trailer, etc.	—	—	—
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	3 660	3 159	321
1, mobile home or trailer, etc.	630	527	73
Median gross rent	\$416	\$375	\$500+
2 or more	3 030	2 632	248
Median gross rent	\$318	\$315	\$283
BATHROOMS			
No bathroom or only a half bath	95	95	—
1 complete bathroom	2 293	1 967	164
1 complete bathroom plus half bath	995	839	246
2 or more complete bathrooms	1 062	808	222
SOURCE OF WATER			
Public system or private company	4 429	3 693	447
Individual drilled well	—	—	—
Individual dug well	8	8	8
Some other source	8	8	8
HEATING EQUIPMENT			
Steam or hot water system	108	104	—
Central warm-air furnace	47	47	—
Electric heat pump	54	43	6
Other built-in electric units	327	304	—
Floor, wall, or pipeless furnace	22	22	—
Room heaters with flue	19	19	—
Room heaters without flue	8	8	—
Fireplaces, stoves, or portable room heaters	82	76	—
None	3 778	3 086	441
SELECTED CHARACTERISTICS			
No telephone	328	267	41
No complete kitchen facilities	30	50	—
Lacking air conditioning	3 179	2 577	357
Lacking public sewer	153	111	11
No vehicle available	493	448	22
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	662	452	103
1979 to March 1980	181	149	25
1975 to 1978	240	141	52
1970 to 1974	99	50	29
1960 to 1969	94	72	14
1950 to 1959	39	31	8
1949 or earlier	9	9	—
Renter-occupied housing units	3 783	3 257	344
1979 to March 1980	2 275	1 924	197
1975 to 1978	1 370	1 205	137
1970 to 1974	83	73	10
1960 to 1969	48	48	—
1959 or earlier	7	7	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	157	140	17
Owner-occupied housing units	84	67	17
Lacking complete plumbing for exclusive use	—	—	—
No complete kitchen facilities	—	—	—
No vehicle available	50	50	—
No telephone	—	—	—
Lacking central heating system	145	128	17
Lacking air conditioning	97	80	17

Table 78. Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]	SMSA's	Urbanized areas
	Honolulu, Hawaii	Honolulu, Hawaii
Occupied housing units	841	577
YEAR STRUCTURE BUILT		
1979 to March 1980	8	—
1975 to 1978	113	76
1970 to 1974	218	151
1960 to 1969	172	120
1950 to 1959	175	124
1940 to 1949	77	43
1939 or earlier	78	63
BEDROOMS		
None	99	43
1	142	106
2	275	223
3	250	139
4	59	46
5 or more	6	—
UNITS IN STRUCTURE		
1, detached	233	107
1, attached	42	29
2	57	34
3 and 4	90	65
5 to 9	60	56
10 to 49	185	156
50 or more	174	130
Mobile home or trailer, etc.	—	—
UNITS IN STRUCTURE BY GROSS RENT		
Specified renter-occupied housing units	652	503
1, mobile home or trailer, etc.	132	91
Median gross rent	\$405	\$391
2 or more	520	412
Median gross rent	\$321	\$311
BATHROOMS		
No bathroom or only a half bath ..	42	36
1 complete bathroom	464	363
1 complete bathroom plus half bath(s) ..	92	43
2 or more complete bathrooms	243	135
SOURCE OF WATER		
Public system or private company ..	841	577
Individual drilled well	—	—
Individual dug well	—	—
Some other source	—	—
HEATING EQUIPMENT		
Steam or hot water system	20	20
Central warm-air furnace	—	—
Electric heat pump	—	—
Other built-in electric units	7	7
Floor, wall, or pipeless furnace	—	—
Room heaters with flue	—	—
Room heaters without flue	—	—
Fireplaces, stoves, or portable room heaters ..	11	—
None	803	550
SELECTED CHARACTERISTICS		
No telephone	111	67
No complete kitchen facilities	51	23
Lacking air conditioning	655	435
Lacking public sewer	103	37
No vehicle available	159	123
YEAR HOUSEHOLDER MOVED INTO UNIT		
Owner-occupied housing units	183	74
1979 to March 1980	38	18
1975 to 1978	64	17
1970 to 1974	42	30
1960 to 1969	9	9
1950 to 1959	30	—
1949 or earlier	—	—
Renter-occupied housing units	658	503
1979 to March 1980	328	248
1975 to 1978	234	165
1970 to 1974	40	40
1960 to 1969	34	28
1959 or earlier	22	22
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER		
Occupied housing units	44	29
Owner-occupied housing units	15	—
Lacking complete plumbing for exclusive use ..	7	—
No complete kitchen facilities	15	15
No vehicle available	—	—
No telephone	44	29
Lacking central heating system	37	22
Lacking air conditioning	—	—

Table 79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (CDP)
Occupied housing units	131 083	107 916	12 627	77 480
YEAR STRUCTURE BUILT				
1979 to March 1980	3 348	2 625	323	1 179
1975 to 1978	11 928	9 622	936	6 376
1970 to 1974	24 355	19 951	2 154	12 422
1960 to 1969	41 011	33 371	5 048	23 366
1950 to 1959	25 742	21 064	2 883	15 585
1940 to 1949	11 896	10 000	944	8 545
1939 or earlier	12 823	11 283	339	9 807
BEDROOMS				
None	7 626	7 121	133	6 740
1	24 458	22 410	977	19 276
2	33 001	28 415	2 186	21 908
3	45 536	34 061	6 531	19 405
4	15 360	11 629	2 267	7 080
5 or more	5 102	4 282	533	3 071
UNITS IN STRUCTURE				
1, detached	68 340	51 173	9 957	30 252
1, attached	4 455	3 656	398	1 998
2	6 912	6 047	259	4 951
3 and 4	7 007	5 965	550	4 554
5 to 9	10 119	9 026	354	6 818
10 to 49	17 654	16 206	707	14 229
50 or more	16 498	15 752	402	14 625
Mobile home or trailer, etc.	98	91	—	53
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units	53 412	46 035	2 706	38 021
1, mobile home or trailer, etc.	13 434	9 363	416	5 830
Median gross rent	\$317	\$325	\$371	\$313
2 or more	39 978	36 672	1 290	32 191
Median gross rent	\$276	\$275	\$326	\$272
BATHROOMS				
No bathroom or only a half bath	2 902	2 646	64	2 125
1 complete bathroom	62 509	53 315	3 528	43 626
1 complete bathroom plus half bath(s) ..	20 815	16 280	2 612	9 067
2 or more complete bathrooms	44 857	35 675	6 423	22 662
SOURCE OF WATER				
Public system or private company	130 617	107 700	12 603	77 383
Individual drilled well	174	136	—	44
Individual dug well	18	—	—	—
Some other source	274	80	24	53
HEATING EQUIPMENT				
Steam or hot water system	11 656	10 297	1 034	7 446
Central warm-air furnace	361	332	6	779
Electric heat pump	2 068	1 748	174	1 213
Other built-in electric units	2 482	2 175	172	1 399
Floor, wall, or pipeless furnace	74	65	9	33
Room heaters with flue	245	229	9	197
Room heaters without flue	61	61	—	48
Fireplaces, stoves, or portable room heaters ..	1 585	1 314	194	693
None	112 551	91 695	11 032	66 172
SELECTED CHARACTERISTICS				
No telephone	5 174	4 017	207	3 183
No complete kitchen facilities	2 468	2 032	180	1 734
Lacking air conditioning	110 822	89 734	11 239	63 543
Lacking public sewer	10 266	3 456	461	1 247
No vehicle available	14 273	12 708	411	11 204
YEAR HOUSEHOLDER MOVED INTO UNIT				
Owner-occupied housing units	76 696	61 175	9 839	39 014
1979 to March 1980	7 968	6 454	807	3 627
1975 to 1978	16 028	12 585	1 865	7 464
1970 to 1974	14 963	11 577	2 109	6 572
1960 to 1969	21 211	16 302	3 519	10 332
1950 to 1959	11 495	9 680	6 989	6 989
1949 or earlier	5 031	4 577	243	4 030
Renter-occupied housing units	54 387	46 741	2 788	38 466
1979 to March 1980	17 786	15 321	853	12 072
1975 to 1978	19 105	16 640	931	13 750
1970 to 1974	8 572	7 266	554	6 277
1960 to 1969	5 800	4 911	357	4 347
1950 or earlier	3 124	2 603	93	2 020
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER				
Occupied housing units	20 118	17 165	1 301	13 913
Owner-occupied housing units	12 955	10 986	1 038	8 705
Lacking complete plumbing for exclusive use ..	409	364	9	281
No complete kitchen facilities	400	314	30	237
No vehicle available	5 213	4 651	168	4 087
No telephone	620	491	18	559
Lacking central heating system	17 675	14 336	1 153	12 218
Lacking air conditioning	17 965	15 197	1 194	12 216

Table 80. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kona, Hawaii	Honolulu (COP)
Occupied housing units	12 924	9 616	1 302	5 645
YEAR STRUCTURE BUILT				
1979 to March 1980	265	207	4	115
1975 to 1978	1 541	1 124	138	422
1970 to 1974	2 632	1 967	216	907
1960 to 1969	3 817	2 845	478	1 609
1950 to 1959	2 678	2 055	306	1 254
1940 to 1949	996	687	99	396
1939 or earlier	988	731	61	542
BEDROOMS				
None	866	770	52	686
1	2 574	2 135	178	1 723
2	4 078	3 068	430	1 700
3	3 955	2 550	450	946
4	1 181	767	178	291
5 or more	270	181	57	99
UNITS IN STRUCTURE				
1, detached	4 749	2 949	660	1 027
1, attached	767	525	126	239
2	779	609	32	569
3 and 4	1 029	800	152	377
5 to 9	1 577	1 282	85	713
10 to 49	2 400	2 009	178	1 527
50 or more	1 403	1 422	53	1 184
Mobile home or trailer, etc.	20	20	--	9
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units				
1, mobile home or trailer, etc.	8 378	6 442	728	4 121
Median gross rent	2 164	1 280	303	541
2 or more	\$349	\$359	\$377	\$362
Median gross rent	\$ 214	\$ 182	\$ 425	\$ 380
Median gross rent	\$299	\$294	\$316	\$294
BATHROOMS				
No bathroom or only a half bath	377	290	56	228
1 complete bathroom	7 542	5 722	621	3 813
1 complete bathroom plus half bath(s) ..	1 875	1 374	157	440
2 or more complete bathrooms	3 130	2 230	468	964
SOURCE OF WATER				
Public system or private company	12 794	9 539	1 297	5 420
Individual drilled well	54	30	11	11
Individual dug well	--	--	--	--
Some other source	76	27	5	14
HEATING EQUIPMENT				
Steam or hot water system	1 203	1 031	125	631
Central warm-air furnace	95	82	7	60
Electric heat pump	252	192	24	98
Other built-in electric units	453	386	22	140
Floor, wall, or pipeless furnace	31	22	9	14
Room heaters with flue	10	10	--	10
Room heaters without flue	13	13	6	6
Fireplaces, stoves, or portable room heaters ..	137	84	29	19
None	10 730	7 776	1 086	4 467
SELECTED CHARACTERISTICS				
No telephone	873	650	28	418
No complete kitchen facilities	206	163	19	137
Lacking air conditioning	10 994	7 968	1 138	4 456
Lacking public sewer	1 407	564	128	125
No vehicle available	1 776	1 428	59	1 108
YEAR HOUSEHOLDER MOVED INTO UNIT				
Owner-occupied housing units				
1979 to March 1980	4 415	3 094	544	1 305
1975 to 1978	628	436	45	199
1970 to 1974	1 116	739	131	279
1960 to 1969	1 076	749	143	194
1950 to 1959	1 061	764	144	342
1949 or earlier	351	259	64	154
Renter-occupied housing units	8 509	6 522	758	4 140
1979 to March 1980	3 675	2 814	321	1 642
1975 to 1978	3 204	2 474	346	1 652
1970 to 1974	657	648	42	467
1960 to 1969	532	406	44	286
1959 or earlier	241	180	5	93
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER				
Occupied housing units				
Owner-occupied housing units	1 342	1 038	104	726
Lacking complete plumbing for exclusive use ..	601	467	64	294
No complete kitchen facilities	45	38	7	31
No vehicle available	35	25	--	24
No telephone	461	367	4	300
Lacking central heating system	80	65	--	43
Lacking air conditioning	1 137	871	81	650
Lacking air conditioning	1 249	966	100	684

Table 81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

**SCSA's
SMSA's**

**Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Honolulu (CDF)
Occupied housing units	89 682	67 070	14 516
HOUSE HEATING FUEL	89 682	67 070	14 516
Utility gas	2 081	1 800	267
Bottled, tank, or LP gas	421	262	85
Electricity	3 961	3 323	296
Fuel oil, kerosene, etc.	84	7	25
Coal or coke	7	7	7
Wood	857	547	250
Other fuel	81	6	1
No fuel used	82 190	61 048	13 536
WATER HEATING FUEL	82 190	61 048	13 536
Utility gas	16 248	14 572	1 212
Bottled, tank, or LP gas	3 186	2 273	11 280
Electricity	68 748	49 032	32 039
Fuel oil, kerosene, etc.	536	530	512
Other	724	443	349
No fuel used	220	220	176
COOKING FUEL	10 969	9 647	7 024
Utility gas	1 969	1 034	427
Bottled, tank, or LP gas	76 055	55 812	37 841
Electricity	75	59	54
Other	614	518	394
No fuel used			
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	21 002	11 911	6 730
With a mortgage	16 997	9 227	5 810
Less than \$100	47	25	7
\$100 to \$149	123	52	47
\$150 to \$199	336	197	76
\$200 to \$249	850	390	170
\$250 to \$299	1 046	456	179
\$300 to \$349	927	495	273
\$350 to \$399	1 008	553	281
\$400 to \$449	952	467	215
\$450 to \$499	1 154	569	354
\$500 to \$599	2 068	1 149	658
\$600 to \$749	2 940	1 518	727
\$750 or more	5 546	3 356	1 768
Median	\$599	\$625	\$583
Not mortgaged	4 005	2 684	920
Less than \$50	100	57	35
\$50 to \$74	471	278	109
\$75 to \$99	751	434	169
\$100 to \$149	1 439	980	365
\$150 to \$199	735	545	152
\$200 to \$249	288	209	79
\$250 or more	221	181	40
Median	\$119	\$124	\$119
GROSS RENT	52 703	42 449	5 662
Specified renter-occupied housing units	52 703	42 449	5 662
Less than \$50	88	76	46
\$50 to \$59	90	90	90
\$60 to \$79	300	254	194
\$80 to \$99	284	235	209
\$100 to \$119	373	310	8
\$120 to \$149	520	406	8
\$150 to \$169	740	551	17
\$170 to \$199	1 737	1 429	1091
\$200 to \$249	6 010	4 878	674
\$250 to \$299	5 712	4 834	651
\$300 to \$349	5 435	4 470	3 311
\$350 to \$399	6 177	4 872	3 265
\$400 to \$499	7 959	6 378	4 396
\$500 or more	9 130	6 879	5 061
No cash rent	8 148	6 787	2 995
Median	\$358	\$353	\$401
HOUSEHOLD INCOME IN 1979			
Occupied housing units	89 682	67 070	14 516
Median income	\$19 316	\$18 336	\$25 351
Owner-occupied housing units	36 057	23 921	8 493
Median income	\$30 054	\$30 187	\$32 865
Renter-occupied housing units	53 625	43 149	5 823
Median income	\$14 502	\$14 459	\$16 590
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	1 429	935	313
Percent below poverty level	4.0	3.9	4.2
Complete plumbing for exclusive use	1 396	911	313
1.01 or more persons per room	116	57	33
Locking complete plumbing for exclusive use	33	24	21
1.01 or more persons per room			
Renter-occupied housing units	6 268	4 700	549
Percent below poverty level	11.7	10.9	11.9
Complete plumbing for exclusive use	6 098	4 535	549
1.01 or more persons per room	850	536	51
Locking complete plumbing for exclusive use	170	165	137
1.01 or more persons per room	32	27	6

Table 82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (COP)
Occupied housing units	4 445	3 709	447	1 523
HOUSE HEATING FUEL				
Utility gas	135	131	—	52
Bottled, tank, or LP gas	30	30	—	15
Electricity	478	438	6	42
Fuel oil, kerosene, etc.	3	3	—	—
Coal or coke	—	—	—	—
Wood	21	21	—	15
Other fuel	—	—	—	—
No fuel used	3 778	3 086	441	1 399
WATER HEATING FUEL				
Utility gas	700	658	19	340
Bottled, tank, or LP gas	135	114	—	37
Electricity	3 578	2 913	424	1 125
Fuel oil, kerosene, etc.	17	17	—	17
Other	11	3	—	—
No fuel used	4	4	—	4
COOKING FUEL				
Utility gas	603	567	19	289
Bottled, tank, or LP gas	102	75	4	30
Electricity	3 719	3 046	424	1 183
Other	—	—	—	—
No fuel used	21	21	—	21
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS				
Specified owner-occupied housing units	328	218	81	99
With a mortgage	265	160	76	54
Less than \$100	—	—	—	—
\$100 to \$149	—	—	—	—
\$150 to \$199	13	13	—	13
\$200 to \$249	34	26	—	17
\$250 to \$299	3	—	—	—
\$300 to \$349	7	7	—	—
\$350 to \$399	14	6	8	6
\$400 to \$449	10	10	—	5
\$450 to \$499	20	6	—	—
\$500 to \$599	43	4	31	—
\$600 to \$749	18	27	16	—
\$750 or more	76	61	15	6
Median	\$582	\$688	\$585	\$241
Not mortgaged	63	58	5	45
Less than \$50	—	—	—	—
\$50 to \$74	—	—	—	—
\$75 to \$99	9	9	—	9
\$100 to \$149	35	30	5	17
\$150 to \$199	19	19	—	19
\$200 to \$249	—	—	—	—
\$250 or more	—	—	—	—
Median	\$116	\$117	\$113	\$120
GROSS RENT				
Specified renter-occupied housing units	3 660	3 159	321	1 307
Less than \$50	—	—	—	—
\$50 to \$59	8	8	—	8
\$60 to \$79	8	8	—	8
\$80 to \$99	5	5	—	—
\$100 to \$119	9	9	—	9
\$120 to \$149	34	34	—	11
\$150 to \$169	17	17	—	11
\$170 to \$199	89	151	38	70
\$200 to \$249	446	402	44	189
\$250 to \$299	492	420	57	164
\$300 to \$349	306	240	13	51
\$350 to \$399	313	273	14	99
\$400 to \$499	512	423	59	159
\$500 or more	375	284	63	165
No cash rent	946	885	33	363
Median	\$324	\$317	\$319	\$302
HOUSEHOLD INCOME IN 1979				
Occupied housing units	4 445	3 709	447	1 523
Median income	\$13 273	\$12 600	\$19 157	\$12 879
Owner-occupied housing units	662	457	103	186
Median income	\$21 700	\$21 848	\$26 477	\$19 848
Renter-occupied housing units	3 783	3 257	344	1 337
Median income	\$12 113	\$11 876	\$16 290	\$12 123
INCOME IN 1979 BELOW POVERTY LEVEL				
Owner-occupied housing units	50	34	7	21
Percent below poverty level	7.6	7.5	6.8	11.3
Complete plumbing for exclusive use	50	34	7	21
1.01 or more persons per room	10	10	—	10
Lacking complete plumbing for exclusive use	—	—	—	—
1.01 or more persons per room	—	—	—	—
Renter-occupied housing units	470	419	29	232
Percent below poverty level	12.4	12.9	8.4	17.4
Complete plumbing for exclusive use	470	419	29	232
1.01 or more persons per room	91	81	—	34
Lacking complete plumbing for exclusive use	—	—	—	—
1.01 or more persons per room	—	—	—	—

Table 83. **Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

	SMSA's	Urbanized areas
	Honolulu, Hawaii	Honolulu, Hawaii
SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]		
Occupied housing units	841	577
HOUSE HEATING FUEL		
Utility gas	12	12
Bottled, tank, or LP gas	8	8
Electricity	7	7
Fuel oil, kerosene, etc.	—	—
Coal or coke	—	—
Wood	11	—
Other fuel	—	—
No fuel used	803	550
WATER HEATING FUEL		
Utility gas	185	179
Bottled, tank, or LP gas	67	44
Electricity	557	340
Fuel oil, kerosene, etc.	—	—
Other	17	5
No fuel used	15	9
COOKING FUEL		
Utility gas	170	164
Bottled, tank, or LP gas	23	3
Electricity	640	406
Other	—	—
No fuel used	8	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS		
Specified owner-occupied housing units	137	45
With a mortgage	119	38
Less than \$100	—	—
\$100 to \$149	—	—
\$150 to \$199	5	—
\$200 to \$249	9	—
\$250 to \$299	—	—
\$300 to \$349	17	11
\$350 to \$399	13	—
\$400 to \$449	7	—
\$450 to \$499	—	—
\$500 to \$599	32	15
\$600 to \$749	11	5
\$750 or more	25	7
Median	\$563	\$577
Not mortgaged	18	7
Less than \$50	—	—
\$50 to \$74	—	—
\$75 to \$99	—	—
\$100 to \$149	11	—
\$150 to \$199	—	—
\$200 to \$249	7	7
\$250 or more	—	—
Median	\$145	\$225
GROSS RENT		
Specified renter-occupied housing units	652	503
Less than \$50	—	—
\$50 to \$59	—	—
\$60 to \$79	—	—
\$80 to \$99	—	—
\$100 to \$119	5	5
\$120 to \$149	6	6
\$150 to \$169	29	22
\$170 to \$199	41	35
\$200 to \$249	80	57
\$250 to \$299	65	65
\$300 to \$349	77	49
\$350 to \$399	96	59
\$400 to \$499	87	74
\$500 or more	94	65
No cash rent	72	66
Median	\$342	\$329
HOUSEHOLD INCOME IN 1979		
Occupied housing units	841	577
Median income	\$13 492	\$11 972
Owner-occupied housing units	183	74
Median income	\$26 033	\$20 278
Renter-occupied housing units	658	503
Median income	\$11 675	\$11 405
INCOME IN 1979 BELOW POVERTY LEVEL		
Owner-occupied housing units	10	—
Percent below poverty level	5.5	—
Complete plumbing for exclusive use	10	—
1.01 or more persons per room	—	—
Lacking complete plumbing for exclusive use	—	—
1.01 or more persons per room	—	—
Renter-occupied housing units	149	120
Percent below poverty level	22.6	23.9
Complete plumbing for exclusive use	140	111
1.01 or more persons per room	33	24
Lacking complete plumbing for exclusive use	9	9
1.01 or more persons per room	9	9

Table 84. **Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (CDP)
Occupied housing units	131 083	107 916	12 627	77 480
HOUSE HEATING FUEL				
Utility gas.....	9 531	8 677	719	6 811
Bottled, tank, or LP gas.....	2 171	1 746	221	889
Electricity.....	6 084	5 217	504	3 411
Fuel oil, kerosene, etc.....	315	315	—	73
Coal or coke.....	15	15	—	15
Wood.....	266	210	42	68
Other fuel.....	150	41	109	41
No fuel used.....	112 551	91 695	11 052	66 172
WATER HEATING FUEL				
Utility gas.....	23 380	21 866	982	20 179
Bottled, tank, or LP gas.....	5 469	4 077	490	3 198
Electricity.....	100 583	80 618	11 041	53 121
Fuel oil, kerosene, etc.....	295	281	—	267
Other.....	892	676	80	383
No fuel used.....	464	378	34	332
COOKING FUEL				
Utility gas.....	21 515	20 120	872	18 433
Bottled, tank, or LP gas.....	4 617	3 030	473	2 171
Electricity.....	104 216	84 211	11 219	56 409
Other.....	181	107	8	71
No fuel used.....	554	448	55	396
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS				
Specified owner-occupied housing units	55 290	42 421	8 407	24 782
With a mortgage.....	41 080	30 741	6 900	15 499
Less than \$100.....	190	149	16	92
\$100 to \$149.....	400	280	48	171
\$150 to \$199.....	1 366	903	209	420
\$200 to \$249.....	2 893	1 988	577	795
\$250 to \$299.....	4 290	2 807	1 041	1 431
\$300 to \$349.....	3 813	2 800	618	1 625
\$350 to \$399.....	3 771	2 939	507	1 607
\$400 to \$449.....	3 287	2 532	492	1 364
\$450 to \$499.....	3 182	2 469	503	1 206
\$500 to \$599.....	5 378	4 096	896	1 810
\$600 to \$749.....	5 835	4 406	1 006	1 973
\$750 or more.....	6 675	5 372	987	3 004
Median.....	\$458	\$470	\$444	\$460
Not mortgaged.....	14 210	11 680	1 507	9 283
Less than \$50.....	253	165	14	112
\$50 to \$74.....	1 294	994	133	726
\$75 to \$99.....	2 896	2 533	289	1 926
\$100 to \$149.....	6 136	5 036	710	4 033
\$150 to \$199.....	2 533	2 103	315	1 719
\$200 to \$249.....	727	607	65	530
\$250 or more.....	271	242	11	217
Median.....	\$119	\$119	\$124	\$121
GROSS RENT				
Specified renter-occupied housing units	53 412	46 035	2 706	38 021
Less than \$50.....	260	243	5	180
\$50 to \$59.....	434	383	5	345
\$60 to \$79.....	1 081	812	16	569
\$80 to \$99.....	1 080	723	28	482
\$100 to \$119.....	1 258	1 087	23	889
\$120 to \$149.....	1 771	1 525	75	1 287
\$150 to \$169.....	1 694	1 555	41	1 372
\$170 to \$199.....	3 631	3 124	92	2 844
\$200 to \$249.....	8 116	7 321	265	6 415
\$250 to \$299.....	8 495	7 598	330	6 564
\$300 to \$349.....	6 768	5 790	410	4 869
\$350 to \$399.....	5 870	5 013	415	4 067
\$400 to \$499.....	5 931	5 002	418	3 919
\$500 or more.....	3 408	2 629	391	1 999
No cash rent.....	3 615	3 030	192	2 220
Median.....	\$284	\$282	\$346	\$278
HOUSEHOLD INCOME IN 1979				
Occupied housing units	131 083	107 916	12 627	77 480
Median income.....	\$22 967	\$22 859	\$27 696	\$21 215
Owner-occupied housing units.....	76 696	61 175	9 839	39 014
Median income.....	\$30 535	\$31 047	\$31 323	\$30 965
Renter-occupied housing units.....	54 387	46 741	2 788	38 466
Median income.....	\$13 870	\$14 144	\$15 391	\$14 132
INCOME IN 1979 BELOW POVERTY LEVEL				
Owner-occupied housing units	2 404	1 595	331	1 127
Percent below poverty level.....	3.1	2.6	3.4	2.9
Complete plumbing for exclusive use.....	2 360	1 563	325	1 095
1.01 or more persons per room.....	520	283	75	154
Lacking complete plumbing for exclusive use.....	44	32	6	32
1.01 or more persons per room.....	14	8	—	8
Renter-occupied housing units	10 520	8 432	496	6 810
Percent below poverty level.....	19.0	18.0	17.8	17.7
Complete plumbing for exclusive use.....	9 864	8 048	486	6 506
1.01 or more persons per room.....	3 583	2 758	208	2 187
Lacking complete plumbing for exclusive use.....	456	384	10	304
1.01 or more persons per room.....	173	152	10	120

Table 85. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Honolulu (CDP)
Occupied housing units	12 924	9 616	1 302
HOUSE HEATING FUEL			5 445
Utility gas	963	856	96
Bottled, tank, or LP gas	247	188	23
Electricity	899	725	82
Fuel oil, kerosene, etc.	41	41	—
Cool or coke	—	10	—
Wood	29	—	5
Other fuel	15	—	15
No fuel used	10 730	7 796	1 086
WATER HEATING FUEL			
Utility gas	1 978	1 707	123
Bottled, tank, or LP gas	714	490	84
Electricity	10 132	7 361	1 082
Fuel oil, kerosene, etc.	10	10	—
Other	67	35	7
No fuel used	23	13	6
COOKING FUEL			
Utility gas	1 847	1 603	106
Bottled, tank, or LP gas	646	379	43
Electricity	10 365	7 600	1 141
Other	25	—	5
No fuel used	41	34	7
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	2 982	1 976	416
With a mortgage	2 440	1 612	350
Less than \$100	18	13	—
\$100 to \$149	17	17	—
\$150 to \$199	48	23	7
\$200 to \$249	127	82	27
\$250 to \$299	237	159	38
\$300 to \$349	183	88	50
\$350 to \$399	273	181	55
\$400 to \$449	188	140	15
\$450 to \$499	161	116	15
\$500 to \$599	400	292	27
\$600 to \$749	371	248	46
\$750 or more	417	253	70
Median	\$490	\$494	\$398
Not mortgaged	542	364	66
Less than \$50	13	5	—
\$50 to \$74	51	35	—
\$75 to \$99	101	75	9
\$100 to \$149	188	98	32
\$150 to \$199	158	126	25
\$200 to \$249	17	17	—
\$250 or more	14	8	—
Median	\$124	\$134	\$139
GROSS RENT			
Specified renter-occupied housing units	8 378	6 462	728
Less than \$50	16	16	—
\$50 to \$59	42	35	—
\$60 to \$79	100	65	4
\$80 to \$99	154	105	10
\$100 to \$119	154	109	14
\$120 to \$149	212	135	10
\$150 to \$169	257	220	13
\$170 to \$199	302	262	19
\$200 to \$249	1 128	881	110
\$250 to \$299	1 109	896	51
\$300 to \$349	1 208	863	115
\$350 to \$399	1 126	826	139
\$400 to \$499	988	743	117
\$500 or more	686	523	69
No cash rent	896	783	57
Median	\$311	\$307	\$345
HOUSEHOLD INCOME IN 1979			
Occupied housing units	12 924	9 616	1 302
Median income	\$15 783	\$15 617	\$17 665
Owner-occupied housing units	4 415	3 064	305
Median income	\$26 210	\$26 891	\$25 775
Renter-occupied housing units	8 509	6 522	758
Median income	\$11 901	\$11 928	\$13 580
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	315	205	59
Percent below poverty level	7.1	6.6	7.8
Complete plumbing for exclusive use	215	205	10.8
1.01 or more persons per room	103	68	59
Lacking complete plumbing for exclusive use	—	—	28
1.01 or more persons per room	—	—	—
Renter-occupied housing units	2 059	1 484	106
Percent below poverty level	24.2	22.8	14.0
Complete plumbing for exclusive use	2 013	1 454	101
1.01 or more persons per room	630	437	29
Lacking complete plumbing for exclusive use	46	30	5
1.01 or more persons per room	—	—	—

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places

YEAR STRUCTURE BUILT

	Aiea (CDP)	Ewa Beach (CDP)	Hilo (CDP)	Kahului (CDP)	Kailua (CDP), Honolulu County	Kaneohe (CDP)	Mililani Town (CDP)	Makapuu (CDP)	Pearl City (CDP)	Schofield Barracks (CDP)	Wahiawa (CDP)	Wahiula (CDP)	Waipahu (CDP)
Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1979 to March 1980	61	17	456	265	367	346	555	13	815	12	5	30	200
1975 to 1978	1 325	50	1 395	411	1 040	2 233	287	1 268	287	612	230	230	387
1970 to 1974	2 843	1 304	2 591	859	1 305	1 015	3 018	411	2 877	437	459	341	1 252
1960 to 1969	3 172	1 121	2 464	1 565	3 511	3 440	568	476	4 353	588	1 589	860	3 753
1950 to 1959	2 047	649	1 317	783	3 290	1 924	33	495	1 827	1 080	1 639	452	995
1940 to 1949	351	214	1 365	90	3 305	530	—	207	148	315	833	393	303
1939 or earlier	356	101	1 975	63	395	185	—	—	80	339	705	919	162

Owner-occupied housing units

1979 to March 1980	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1975 to 1978	17	56	133	61	182	150	450	—	1 018	—	79	126	45
1970 to 1974	470	33	1 069	240	352	604	1 948	—	2 513	—	12	126	265
1960 to 1969	1 538	1 093	1 288	503	1 015	562	2 413	—	2 395	—	102	151	649
1950 to 1959	2 427	756	1 377	1 110	2 458	2 393	415	—	3 284	—	367	2 071	679
1940 to 1949	1 479	416	995	664	2 484	1 561	7	—	2 355	—	535	299	474
1939 or earlier	162	49	666	70	843	311	—	—	24	—	403	224	32
	248	12	860	34	98	198	—	—	34	—	273	451	16

Renter-occupied housing units

1979 to March 1980	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1975 to 1978	5	—	47	209	59	86	13	135	12	10	52	46	—
1970 to 1974	796	17	291	151	222	352	254	279	204	612	178	162	255
1960 to 1969	1 401	183	1 186	226	256	435	499	402	499	331	179	748	—
1950 to 1959	815	336	964	409	972	963	153	476	1 018	584	1 002	411	1 584
1940 to 1949	526	257	204	61	1 022	386	26	477	649	1 026	677	142	491
1939 or earlier	183	157	613	20	410	208	207	207	128	288	207	207	—
	105	89	1 016	29	179	94	—	—	41	317	399	427	166

BEDROOMS

Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
None	145	32	609	195	282	120	19	—	49	9	283	314	59
1	1 610	345	1 020	566	739	681	151	11	865	50	944	604	784
2	2 388	800	2 357	686	2 221	1 822	1 762	446	1 798	1 244	1 667	989	2 534
3	4 234	1 771	2 026	1 026	3 148	2 624	2 673	1 066	6 557	1 694	2 665	1 263	2 606
4	1 403	430	1 206	403	2 189	1 085	1 425	421	1 751	699	505	351	760
5 or more	375	78	341	112	522	191	157	5	342	117	154	88	316

Owner-occupied housing units

None	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1	10	33	10	12	10	13	13	—	545	—	18	18	—
2	288	167	710	267	316	75	110	—	813	—	114	85	148
3	800	455	486	253	1 002	791	1 183	—	1 383	—	458	208	608
4	3 168	1 293	4 631	1 794	3 871	3 402	2 585	—	5 085	—	1 919	977	1 919
5 or more	1 200	357	913	349	1 946	953	1 277	—	1 515	—	334	277	639

Renter-occupied housing units

None	353	78	263	109	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1	112	22	158	68	243	60	36	—	36	—	35	25	—
2	1 064	362	843	348	414	354	66	11	379	50	776	467	626
3	1 446	164	1 693	548	1 099	886	372	438	1 214	1 254	468	408	2 019
4	919	419	1 232	204	1 084	429	979	979	1 381	1 361	255	275	690
5 or more	198	62	274	54	235	122	133	421	222	673	158	67	121
	19	—	73	3	62	7	27	5	17	108	21	35	46

STORIES IN STRUCTURE

Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1 to 3	8 198	3 456	11 152	3 630	10 652	7 846	6 251	1 889	11 338	3 578	5 118	3 441	6 906
4 to 6	114	338	333	205	432	156	145	—	145	5	47	126	98
7 to 12	247	—	192	25	84	125	—	—	72	—	381	25	116
13 or more	1 596	—	81	—	176	120	—	—	7	—	19	—	—

PASSENGER ELEVATOR

Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
Structures with 4 or more stories	1 957	—	611	358	465	677	156	—	224	5	428	170	214
With elevator	1 904	—	301	358	465	638	7	—	180	—	409	164	123

UNITS IN STRUCTURE

Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1, detached	5 243	2 606	8 439	2 756	8 449	8 857	3 676	3 810	7 862	3 180	5 546	3 611	7 120
1, attached	1 446	113	766	257	686	282	789	361	1 309	322	1 654	3 611	7 120
2	312	86	486	163	292	179	37	157	301	188	306	112	351
3	1 043	421	201	195	475	280	330	649	694	1 333	263	315	515
5 to 9	698	298	698	227	320	320	756	768	1 026	480	248	313	515
10 to 49	887	210	1 529	96	499	869	791	39	257	404	572	672	1 009
Mobile home or trailer, etc.	2 124	26	732	680	701	665	34	—	218	—	448	114	533
	26	—	24	—	—	13	—	—	8	—	—	—	—

Owner-occupied housing units

1, detached	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1, attached	4 319	876	6 219	2 166	6 682	4 657	3 300	—	6 677	—	2 062	1 546	2 955
2	317	72	466	168	172	95	70	—	108	—	17	115	—
3	179	32	105	108	82	65	24	—	90	—	83	38	178
3 and 4	244	96	71	95	155	152	261	—	296	—	48	56	39
5 or more	956	280	180	227	425	635	1 053	—	722	—	81	193	112
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—

Renter-occupied housing units

1, detached	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1, attached	641	1 976	544	601	1 140	335	348	1 041	266	1 172	612	718	—
2	119	105	103	106	171	361	529	161	352	116	83	82	—
3	118	50	387	55	167	104	13	157	205	178	223	67	—
3 and 4	161	11	124	100	212	105	99	641	402	1 297	200	97	—
5 to 9	405	94	145	13	247	155	137	308	204	918	415	197	—
10 to 49	581	158	1 295	50	488	526	325	39	113	404	516	475	—
50 or more	1 531	—	557	413	350	406	16	—	127	—	383	47	—
Mobile home or trailer, etc.	26	—	16	—	—	11	—	—	5	—	—	—	—

UNITS IN STRUCTURE BY GROSS RENT

Specified renter-occupied housing units	3 799	970	4 588	1 189	3 095	2 495	1 639	1 753	2 539	3 344	2 983	1 535	3 439
1, mobile home or trailer, etc.	1 001	657	2 080	558	1 431	1 219	489	608	1 488	547	1 246	642	702
Median gross rent	\$367	\$389	\$377	\$376	\$477	\$417	\$500+	\$272	\$304	\$333	\$338	\$338	\$389
2 or more	2 798	313	2 508	631	1 464	1 276	550	1 145	1 051	2 797	1 737	883	2 737
Median gross rent	\$377	\$337	\$326	\$338	\$374	\$369	\$338	\$230	\$338	\$240	\$254	\$271	\$337

Table 87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

Places	Aiea (CDP)	Ewa Beach (CDP)	Hilo (CDP)	Kahului (CDP)	Kailua (CDP) Honolulu County	Kaneohe (CDP) Honolulu County	Makapuu (CDP)	Makapuu (CDP)	Pearl City (CDP)	Shahfield Barracks (CDP)	Wahiawa (CDP)	Waialua (CDP)	Waipahu (CDP)
Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
Complete kitchen facilities	10 035	3 423	11 334	3 897	10 948	8 398	6 372	1 868	11 283	3 583	5 503	3 597	7 055
BATHROOMS													
No bathroom or only a half bath	153	60	386	86	74	61	35	13	38	32	198	282	349
1 complete bathroom	3 418	749	4 540	1 714	3 016	2 687	1 044	374	1 871	1 142	3 395	1 807	3 249
2 or more complete bathrooms plus bath(s)	2 158	986	2 234	1 080	1 882	1 488	860	485	3 490	1 714	996	776	1 135
2 or more complete bathrooms	4 426	661	6 403	1 108	6 796	3 893	4 674	1 074	5 963	695	987	746	1 939
SOURCE OF WATER													
Public system or private company	10 140	3 456	11 730	3 988	11 109	8 523	6 407	1 876	11 351	3 579	5 543	3 611	7 106
Individual drilled well	12	—	—	—	8	—	—	—	11	—	—	—	4
Septic tank or cesspool	147	2 422	7 365	—	1 408	12	—	—	18	122	136	45	—
Some other source	3	—	26	—	—	—	—	13	—	4	3	—	10
SEWAGE DISPOSAL													
Public sewer	9 982	1 006	4 376	3 988	10 453	8 096	6 395	1 876	11 272	3 537	5 396	3 414	6 998
Septic tank or cesspool	17	2 422	7 365	—	664	12	—	—	18	122	136	45	—
Other means	26	28	22	—	—	19	—	13	9	28	26	61	77
AIR CONDITIONING													
None	7 661	3 068	11 385	3 807	9 696	7 756	6 045	1 104	9 222	2 908	5 354	3 458	6 370
Central system	1 788	7	34	24	40	7	7	10	12	16	24	16	24
1 or more individual room units	2 246	248	354	157	1 381	760	351	115	2 055	182	180	147	726
HEATING EQUIPMENT													
Year-round heating units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
Steam or hot water system	639	264	45	165	397	580	25	11	906	25	343	73	695
Central warm-air furnace	17	6	9	8	8	—	—	84	—	60	—	—	—
Electric heat pump	79	71	31	97	57	68	25	—	182	11	91	—	207
Other built-in electric units	208	63	655	460	46	127	92	11	185	1 673	55	43	126
Floor, wall, or pipeless furnace	—	6	19	—	—	6	7	—	—	28	5	—	—
Room heaters with flue	—	24	15	—	—	—	—	—	—	13	—	—	5
Room heaters without flue	166	40	344	—	163	160	91	—	92	194	369	45	66
Fireplaces, stoves, or portable room heaters	9 039	2 976	10 645	3 649	10 449	7 573	5 804	1 774	9 988	1 490	4 664	3 450	5 993
None	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
Owner-occupied housing units													
Steam or hot water system	443	188	26	79	266	407	326	—	710	—	146	46	371
Central warm-air furnace	13	—	—	—	—	—	—	—	—	—	—	—	—
Electric heat pump	44	37	31	82	32	32	15	—	—	—	24	—	63
Other built-in electric units	104	61	511	31	27	84	57	—	141	31	32	72	—
Floor, wall, or pipeless furnace	7	7	8	—	—	9	6	—	—	5	—	—	—
Room heaters with flue	—	—	11	—	—	7	—	—	—	—	—	—	—
Room heaters without flue	—	7	24	—	—	—	—	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	132	25	306	—	142	121	79	—	89	—	264	45	47
None	5 285	2 037	5 679	2 428	7 065	5 055	4 705	—	7 456	—	1 866	1 737	2 838
Renter-occupied housing units													
Steam or hot water system	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
Central warm-air furnace	182	76	19	71	128	173	45	—	75	181	27	319	—
Electric heat pump	35	34	—	15	25	36	10	—	57	11	67	—	144
Other built-in electric units	104	2	126	29	19	55	8	—	44	1 612	24	11	54
Floor, wall, or pipeless furnace	—	6	—	—	—	6	—	—	—	28	—	—	—
Room heaters with flue	—	8	—	—	—	—	—	—	—	13	—	—	—
Room heaters without flue	—	8	—	—	—	—	—	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	34	15	27	—	16	37	12	—	3	189	105	19	7
None	3 461	848	4 431	1 080	2 942	2 226	981	1 739	2 326	1 388	2 635	1 487	2 979
Occupied housing units													
No telephone	9 848	3 365	11 191	3 832	10 642	8 214	6 289	1 854	11 139	3 415	5 367	3 385	6 939
Total	200	129	583	191	162	158	61	56	17	112	433	273	513
VEHICLES AVAILABLE													
Total	406	130	1 097	366	343	224	81	42	269	88	689	264	641
None	3 475	1 104	3 492	881	3 302	2 402	1 926	1 323	2 803	2 526	2 132	1 243	2 523
1 or more	3 732	1 391	3 898	1 341	4 407	3 297	3 241	401	5 195	673	1 530	1 141	2 140
3 or more	2 138	740	2 504	1 244	2 610	2 291	1 041	88	2 872	128	1 016	737	1 635
Automobiles													
None	456	167	1 291	388	450	307	99	81	343	147	763	335	709
1 or more	3 914	1 435	4 890	1 118	3 885	2 928	2 293	3 374	3 843	2 582	2 427	1 519	2 921
3 or more	3 623	1 343	3 540	1 508	4 573	3 391	2 332	381	5 385	440	1 488	1 114	2 055
3 or more	1 655	420	1 465	818	1 752	1 588	665	18	1 928	46	689	417	1 254
Trucks or vans													
None	8 375	2 486	8 096	2 756	8 542	6 330	5 382	1 660	8 980	3 159	4 447	2 481	5 683
1 or more	1 326	839	2 770	990	1 958	1 736	870	177	2 047	256	859	882	1 157
3 or more	141	40	270	59	149	127	37	17	94	—	38	54	99
6 or more	6	—	55	27	13	21	—	—	18	—	23	22	—
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1979 to March 1980	738	374	551	188	902	594	137	—	1 279	—	116	194	212
1975 to March 1979	1 503	464	1 503	364	1 871	1 049	2 457	—	307	—	307	357	113
1970 to 1974	2 615	1 013	1 313	521	1 642	823	1 175	—	1 927	—	268	284	552
1960 to 1969	1 284	371	1 305	1 095	1 784	2 277	1 224	—	4 666	—	703	338	1 565
1950 to 1959	135	135	1 041	565	829	1 020	829	—	792	—	623	388	342
1949 or earlier	181	19	875	24	313	99	—	—	17	—	325	399	18
Renter-occupied housing units	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1979 to March 1980	919	536	2 076	610	1 520	1 120	714	949	1 179	1 775	1 575	545	1 952
1975 to March 1979	339	339	1 500	377	1 000	839	288	681	1 047	1 605	877	604	1 135
1970 to 1974	382	80	433	131	353	298	48	19	247	5	268	187	272
1960 to 1969	106	34	360	87	202	244	6	5	125	10	160	98	150
1950 or earlier	58	—	214	—	55	33	—	—	33	—	145	95	103
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	936	184	2 057	926	1 213	792	193	—	564	—	831	767	831
Owner-occupied housing units	756	152	1 583	583	990	643	162	—	389	—	606	600	600
Lacking complete plumbing for exclusive use	—	1	73	—	—	—	—	—	—	—	49	38	18
No complete kitchen facilities	18	—	106	17	11	15	6	—	—	—	17	30	11
No vehicle available	119	21	584	364	296	134	20	—	162	134	193	103	113
No telephone	8	15	157	39	15	—	—	—	14	—	38	35	68
Lacking central heating system	791	169	1 960	881	1 152	703	175	—	488	—	729	742	659
Lacking or conflicting	791	169	2 014	896	1 110	731	147	—	496	—	607	734	783

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

Places	Aiea (CDP)	Ewa Beach (CDP)	Hilo (CDP)	Kahala (CDP)	Kailua (CDP), Honolulu County	Kaneohe (CDP)	Mililani Town (CDP)	Makapuu (CDP)	Pearl City (CDP)	Schofield Barracks (CDP)	Wahiawa (CDP)	Wailuku (CDP)	Waiolu (CDP)
Occupied housing units.....	9 848	3 365	11 191	3 832	10 662	8 214	6 289	1 854	11 139	3 415	5 367	3 385	6 939
HOUSE HEATING FUEL													
Utility gas.....	460	204	25	52	289	464	377	27	577	155	39	18	401
Bottled, tank, or LP gas.....	177	83	43	109	40	72	—	329	8	7	76	55	315
Electricity.....	184	40	793	163	155	294	207	88	1 712	394	64	406	464
Fuel oil, kerosene, etc.....	—	6	23	—	—	—	—	—	18	271	—	—	—
Cool or coke.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood.....	45	3	197	—	106	64	18	—	17	134	163	22	—
Other fuel.....	—	—	—	—	65	59	—	—	—	—	—	—	—
No fuel used.....	8 746	2 885	10 110	3 508	10 007	7 281	5 686	1 739	9 782	1 388	4 501	3 224	5 817
WATER HEATING FUEL													
Utility gas.....	1 094	61	2 309	277	1 386	601	81	64	218	578	322	72	382
Bottled, tank, or LP gas.....	522	83	1 461	393	315	388	79	19	108	37	228	696	242
Electricity.....	8 166	3 171	6 811	3 034	8 777	7 160	6 032	1 751	10 651	2 794	4 740	2 451	6 284
Fuel oil, kerosene, etc.....	10	8	101	5	—	—	—	—	—	—	—	7	—
Other.....	38	36	288	123	184	51	97	—	151	—	14	92	20
No fuel used.....	18	6	21	—	—	—	—	—	11	6	33	67	11
COOKING FUEL													
Utility gas.....	706	39	1 994	147	1 199	503	90	6	145	542	233	86	352
Bottled, tank, or LP gas.....	164	112	1 579	358	302	333	127	—	126	29	137	101	258
Electricity.....	8 937	3 214	7 441	3 288	9 137	7 297	6 138	1 827	10 850	2 825	4 749	2 677	6 338
Other.....	—	—	17	—	5	—	—	—	—	—	8	38	4
No fuel used.....	41	—	160	39	19	53	4	21	18	23	73	72	13
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units.....	4 308	1 856	6 053	2 168	6 489	4 520	3 361	—	6 740	—	2 040	1 545	2 934
With a mortgage.....	3 417	1 736	3 720	1 359	5 523	3 643	3 301	—	6 234	—	1 239	740	2 634
Less than \$50.....	20	24	39	11	—	—	—	—	6	—	11	6	—
\$50 to \$149.....	16	7	46	24	38	—	—	—	45	—	17	27	29
\$150 to \$199.....	133	97	161	190	94	137	—	—	212	—	39	63	113
\$200 to \$249.....	308	158	239	266	399	242	—	—	465	—	137	101	258
\$250 to \$299.....	335	158	432	232	457	633	39	—	595	—	131	51	355
\$300 to \$349.....	238	137	436	142	345	286	60	—	601	—	75	81	263
\$350 to \$399.....	229	213	436	138	297	245	177	—	630	—	120	75	207
\$400 to \$449.....	260	102	400	152	382	257	238	—	439	—	146	61	212
\$450 to \$499.....	264	130	393	84	497	197	298	—	457	—	94	54	204
\$500 to \$549.....	500	511	513	234	456	565	568	—	788	—	156	87	387
\$550 to \$599.....	500	427	252	396	57	982	429	—	1 136	—	155	62	237
\$600 or more.....	682	175	211	45	1 411	555	816	—	869	—	199	121	363
Median.....	\$436	\$406	\$301	\$156	\$414	\$558	\$414	—	\$465	—	\$434	\$377	\$404
Not mortgaged.....	891	120	2 333	809	966	877	60	—	506	—	801	805	300
Less than \$50.....	16	8	56	17	—	14	—	—	17	—	16	33	11
\$50 to \$74.....	62	17	390	166	119	165	—	—	82	—	82	273	56
\$75 to \$99.....	36	28	396	166	157	153	20	—	115	—	28	119	42
\$100 to \$149.....	390	39	942	246	407	394	20	—	210	—	366	219	111
\$150 to \$199.....	149	20	228	61	170	209	20	—	100	—	111	85	36
\$200 to \$249.....	12	—	74	34	74	24	—	—	—	—	7	—	—
\$250 or more.....	12	—	49	—	39	6	—	—	13	—	6	—	—
Median.....	\$117	\$99	\$105	\$94	\$122	\$124	\$113	—	\$115	—	\$109	\$88	\$99
GROSS RENT													
Specified renter-occupied housing units.....	3 799	970	4 588	1 189	3 095	2 495	1 039	1 753	2 539	3 364	2 983	1 525	3 439
Less than \$50.....	1	—	12	4	—	—	—	—	5	—	6	15	9
\$50 to \$59.....	19	—	107	58	—	—	—	—	8	—	7	9	8
\$60 to \$79.....	19	3	136	59	6	12	7	—	34	—	39	13	43
\$80 to \$99.....	5	17	124	45	—	—	—	—	7	—	23	15	42
\$100 to \$119.....	35	—	167	50	—	—	—	—	20	—	42	42	28
\$120 to \$149.....	74	13	175	33	5	19	—	—	19	—	69	39	46
\$150 to \$169.....	115	17	464	43	27	—	—	—	17	—	80	7	—
\$170 to \$199.....	127	17	340	38	60	38	4	132	50	125	208	114	282
\$200 to \$249.....	206	82	734	15	182	200	65	597	226	563	628	184	192
\$250 to \$299.....	820	108	639	245	260	206	196	79	249	595	945	239	688
\$300 to \$349.....	326	144	595	100	341	312	71	123	137	180	492	155	561
\$350 to \$399.....	621	182	324	147	478	421	66	48	174	99	310	128	548
\$400 to \$499.....	250	909	409	270	545	533	70	517	307	307	307	207	327
\$500 or more.....	391	127	268	164	1 009	596	522	23	666	32	67	125	147
No cash rent.....	249	21	261	103	182	95	9	550	481	1 909	162	160	108
Median.....	\$407	\$373	\$260	\$366	\$418	\$388	\$500+	\$239	\$429	\$248	\$282	\$286	\$346
HOUSEHOLD INCOME IN 1979													
Occupied housing units.....	9 848	3 365	11 191	3 832	10 662	8 214	6 289	1 854	11 139	3 415	5 367	3 385	6 939
Median income.....	\$25	\$20	\$18	\$22	\$44	\$27	\$44	\$27	\$42	\$11	\$16	\$18	\$21
Owner-occupied housing units.....	6 045	2 376	6 588	2 627	7 532	5 681	5 233	—	6 513	—	2 342	860	3 402
Median income.....	\$31 975	\$23 186	\$24 592	\$26 958	\$33 222	\$37 185	\$29 822	—	\$32 490	—	\$28 997	\$23 727	\$32 304
Renter-occupied housing units.....	3 803	889	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
Median income.....	\$16 480	\$15 679	\$10 211	\$10 446	\$16 245	\$17 475	\$16 840	\$13 869	\$17 042	\$11 473	\$11 953	\$13 447	\$11 754
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units.....	114	170	320	120	332	136	78	—	142	—	80	38	106
Percent below poverty level.....	1.9	7.2	4.9	4.6	4.4	2.4	1.5	—	1.7	—	3.4	2.0	3.1
Complete plumbing for exclusive use.....	170	114	320	120	332	136	78	—	142	—	77	38	114
1.01 or more persons per room.....	10	66	25	37	16	—	—	—	25	—	3	6	27
Lacking complete plumbing for exclusive use.....	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units.....	548	144	1 319	348	455	301	130	97	277	305	609	266	940
Percent below poverty level.....	14.3	14.6	26.7	28.9	14.5	11.9	12.3	5.2	10.5	8.9	20.1	17.4	26.4
Complete plumbing for exclusive use.....	541	144	1 187	348	450	301	130	97	266	299	578	238	898
1.01 or more persons per room.....	199	171	54	75	63	110	17	7	42	38	16	12	32
Lacking complete plumbing for exclusive use.....	—	—	132	—	5	—	—	—	11	—	31	28	82
1.01 or more persons per room.....	—	—	—	—	5	—	—	—	11	—	6	15	21

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [1,000 or More of the Specified Race or Spanish Origin Group]	Alsea (COP)			Ewa Beach (COP)			Hilo (COP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	3 948	5 408	579	1 226	1 934	416	3 237	7 492	697
YEAR STRUCTURE BUILT									
1979 to March 1980	11	44	—	—	17	—	91	289	30
1975 to 1978	786	387	107	34	16	8	230	480	14
1970 to 1974	1 288	1 281	186	283	925	160	988	1 412	179
1960 to 1969	1 046	1 881	173	485	509	130	662	1 443	121
1950 to 1959	632	1 316	90	293	294	83	277	1 179	88
1940 to 1949	146	185	16	63	110	19	393	854	87
1939 or earlier	39	314	7	48	53	16	547	1 275	129
BEDROOMS									
None	46	93	16	6	26	—	211	251	50
1	621	777	158	46	274	61	389	503	113
2	1 129	941	139	298	453	96	798	1 513	181
3	1 562	2 433	199	717	868	220	1 454	4 327	294
4	521	856	49	141	257	39	891	891	54
5 or more	69	288	18	18	56	—	124	207	5
UNITS IN STRUCTURE									
1 detached	1 630	3 443	196	965	1 423	335	2 025	6 025	382
1 attached	217	199	23	16	91	8	74	102	3
2	89	204	60	37	45	22	116	291	65
3 and 4	186	190	11	30	66	13	67	128	29
5 to 9	263	380	58	81	176	28	65	103	21
10 to 49	338	375	101	97	97	10	506	806	144
50 or more	1 216	606	101	119	36	—	376	229	53
Mobile home or trailer, etc.	9	17	11	—	—	—	8	8	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units	2 078	1 403	292	454	442	124	1 730	2 466	474
1 mobile home or trailer, etc.	—	521	28	28	294	217	32	404	—
Median gross rent	\$500+	\$409	\$370	\$396	\$360	\$371	\$385	\$277	\$330
2 or more	1 557	964	264	160	125	32	997	1 394	290
Median gross rent	\$438	\$317	\$349	\$340	\$318	\$295	\$245	\$214	\$217
BATHROOMS									
No bathroom or only a half bath ..	54	38	—	10	50	5	112	204	23
1 complete bathroom	1 218	1 756	288	655	954	232	1 413	2 577	404
1 complete bathroom plus half bath(s)	651	1 402	79	349	546	97	414	1 764	82
2 or more complete bathrooms ..	2 025	2 192	212	212	384	82	1 298	3 147	188
SOURCE OF WATER									
Public system or private company ..	3 948	5 393	576	1 226	1 934	416	3 218	7 678	697
Individual drilled well	—	12	—	—	—	—	—	—	—
Some other source	—	3	3	—	—	—	19	7	—
HEATING EQUIPMENT									
Steam or hot water system	80	504	55	61	186	44	4	—	—
Central warm-air furnace	13	5	—	5	8	—	—	—	—
Electric heat pump	12	57	10	19	52	—	13	18	—
Other built-in electric units	32	165	35	—	55	8	201	436	19
Floor, wall, or pipelike furnace ..	—	7	—	—	8	8	—	—	—
Room heaters with flue	—	—	—	—	—	—	—	11	—
Room heaters without flue	—	—	—	—	8	—	—	6	—
Fireplaces, stoves, or portable room heaters ..	63	103	29	11	29	8	121	212	8
None	3 748	4 568	479	1 123	1 588	348	2 892	6 956	670
SELECTED CHARACTERISTICS									
No telephone	83	78	34	37	79	16	212	337	67
No complete kitchen facilities ..	57	63	—	—	15	19	—	182	43
Lacking air conditioning	2 779	4 251	441	1 030	1 782	368	3 106	7 487	672
Lacking public sewer	80	93	11	628	1 428	307	1 704	5 356	285
No vehicle available	127	229	44	54	70	—	359	679	98
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	1 848	3 993	287	761	1 484	292	1 507	5 011	223
1979 to March 1980	356	334	42	261	216	41	249	302	35
1975 to 1978	529	578	58	281	584	52	399	765	183
1970 to 1974	383	854	127	248	683	148	292	994	56
1960 to 1959	331	1 259	39	146	213	37	220	1 078	40
1950 to 1949	134	134	21	45	83	14	151	890	—
1949 or earlier	15	166	—	15	4	—	197	678	17
Renter-occupied housing units	2 100	1 415	292	465	450	124	1 730	2 481	474
1979 to March 1980	1 300	442	147	273	232	56	937	1 049	211
1975 to 1978	618	775	147	156	147	44	563	882	183
1970 to 1974	99	257	41	21	52	21	132	291	38
1960 to 1959	14	70	8	15	19	3	72	271	32
1959 or earlier	9	—	9	—	—	—	26	188	10
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	204	707	63	73	99	27	495	1 533	53
Owner-occupied housing units	173	566	21	59	81	27	319	1 077	13
Lacking complete plumbing for exclusive use ..	—	—	—	—	—	—	—	—	—
No complete kitchen facilities ..	—	18	—	—	—	—	—	—	—
No vehicle available	30	89	6	11	10	—	133	446	20
No telephone	—	—	—	—	15	—	41	6	—
Lacking central heating system ..	192	574	49	73	84	27	467	1 464	53
Lacking air conditioning	165	612	52	68	86	27	474	1 511	53

¹Persons of Spanish origin may be of any race

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Kahului (CDP)			Kailua (CDP), Hanalei County			Kaneohe (CDP)			Millani Town (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander		White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	795	2 944	6 896	3 415		393	2 123	5 047	398	2 430	3 355	356
YEAR STRUCTURE BUILT												
1926 to March 1980	85	126	154	87		11	99	70	4	188	323	17
1926 to 1978	78	308	428	133		29	555	343	42	873	1 266	121
1979 to 1974	202	610	664	544		35	449	524	28	1 347	1 439	193
1975 to 1979	252	2 353	2 115	981		144	843	2 428	174	2 116	314	25
1980 to 1989	132	583	2 310	1 084		139	620	1 255	88	6	—	—
1990 to 1999	27	63	74	472		42	192	308	43	—	—	—
1999 or earlier	19	39	263	114		4	75	99	19	—	—	—
BEDROOMS												
None	50	120	165	42		11	45	49	21	7	12	6
1	148	374	417	224		65	216	411	51	35	101	10
2	185	403	1 395	644		97	881	738	138	824	790	128
3	343	616	3 090	1 717		141	1 438	2 965	122	1 089	1 601	157
4	46	329	1 501	622		52	736	513	66	329	781	55
5 or more	3	102	328	165		27	30	148	—	82	70	—
UNITS IN STRUCTURE												
1, detached	451	2 201	5 208	2 873		233	1 631	4 014	220	1 198	2 326	183
1, attached	8	53	192	53		24	178	94	20	463	273	34
2	3	147	179	70		4	64	93	30	37	7	7
3 and 4	52	133	182	112		18	73	189	22	157	158	17
5 to 9	10	42	233	142		26	250	45	7	404	281	16
10 to 49	22	347	89	71		174	598	174	379	299	99	—
50 or more	259	912	505	94		310	274	53	29	5	—	—
Mobile home or trailer, etc.	—	—	—	—		—	11	—	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing												
1, mobile home or trailer, etc.	419	736	2 114	796		216	1 161	1 176	230	650	230	94
2	163	377	1 258	424		95	552	586	106	362	85	21
3	383	3374	\$500+	\$387		\$424	\$460	\$374	\$385	\$500+	\$500+	\$500+
4	359	329	1 056	289		121	609	590	124	298	78	—
5	\$397	\$317	\$384	\$354		\$342	\$416	\$326	\$355	\$465	\$343	\$289
BATHROOMS												
No bathroom or only a half bath	17	65	51	12		12	27	14	23	7	28	6
1 complete bathroom	404	1 177	1 723	1 016		198	931	1 512	190	444	458	113
1 complete bathroom plus half bath(s)	216	790	665	303		21	477	1 332	54	381	381	33
2 or more complete bathrooms	158	912	4 457	1 884		162	1 486	2 189	131	1 798	2 488	204
SOURCE OF WATER												
Public system or private company	795	2 944	6 896	3 415		393	2 123	5 047	398	2 430	3 355	356
Individual drilled well	—	—	—	—		—	—	—	—	—	—	—
Individual dug well	—	—	—	—		—	—	—	—	—	—	—
Some other source	—	—	—	—		—	—	—	—	—	—	—
HEATING EQUIPMENT												
Steam or hot water system	37	105	209	159		33	94	486	45	59	293	39
Central warm-air furnace	—	—	—	—		—	—	—	—	—	—	—
Electric heat pump	7	90	21	36		—	8	54	8	6	19	6
Other built-in electric units	14	46	19	27		12	32	80	4	6	84	—
Floor, wall, or pipeless furnace	—	11	—	—		—	—	9	—	—	6	—
Room heaters with fuel	—	—	—	—		—	—	6	—	—	7	—
Room heaters without fuel	—	—	—	—		—	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	—	—	124	34		—	71	76	7	25	53	6
None	731	2 692	6 523	3 159		348	2 718	4 336	325	2 534	2 880	305
SELECTED CHARACTERISTICS												
No telephone	71	98	125	30		—	61	76	15	22	26	5
No complete kitchen facilities	57	117	57	45		71	45	117	4	15	—	—
Lacking air conditioning	767	2 824	5 965	2 945		374	2 760	4 459	379	2 541	3 107	321
Lacking public sewer	—	—	527	89		—	179	209	29	—	12	—
No vehicle available	134	232	216	109		14	64	154	10	41	26	14
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	365	2 203	4 652	2 704		172	1 753	3 854	154	1 963	3 125	262
1979 to March 1980	31	77	1 477	225		18	338	387	26	736	605	38
1975 to 1978	50	314	1 264	528		33	507	547	26	900	1 485	100
1979 to 1974	69	445	873	720		36	256	547	46	270	873	99
1975 to 1979	123	930	1 093	680		1	833	626	66	57	162	11
1980 to 1989	84	471	554	449		33	213	596	16	—	—	—
1990 to 1999	12	12	191	122		1	170	1 193	1	—	—	—
1999 or earlier	430	741	2 244	1 711		221	1 170	1 891	244	667	230	94
Renter-occupied housing units	258	335	1 183	618		118	665	96	14	477	114	45
1979 to March 1980	115	253	683	267		82	327	417	125	158	94	49
1975 to 1978	31	92	231	122		16	132	166	9	32	16	—
1979 to 1974	61	112	61	90		5	112	14	190	14	—	—
1975 to 1979	—	—	35	20		—	—	33	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	188	705	876	308		33	279	489	14	65	122	6
Owner-occupied housing units	470	499	716	265		13	226	310	32	10	105	32
Lacking complete plumbing for exclusive use	—	—	—	—		7	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	—		—	—	9	—	—	—	—
No vehicle available	80	216	93	41		—	23	80	—	13	6	—
No telephone	18	21	15	—		—	—	—	—	—	7	—
Lacking central heating system	188	660	827	296		33	264	429	10	65	104	6
Lacking air conditioning	188	675	801	280		33	287	434	14	37	90	—

¹Persons of Spanish origin may be of any race.

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Maipuu (CDP)			Pearl City (CDP)			Schofield Barracks (CDP)			
	Race			Race			Race			
	White	Black	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 514	169	152	2 545	8 280	692	2 423	574	202	338
YEAR STRUCTURE BUILT										
1979 to March 1980.....	—	13	—	145	587	39	—	4	—	—
1975 to 1978.....	246	9	255	30	930	47	344	159	9	80
1970 to 1974.....	316	44	42	597	171	298	298	70	23	43
1960 to 1969.....	411	20	36	1 024	3 136	275	442	93	32	23
1950 to 1959.....	366	34	46	318	1 303	134	762	148	52	131
1940 to 1949.....	175	16	4	49	88	26	299	71	44	43
1939 or earlier.....	—	—	—	39	36	—	278	29	—	10
BEDROOMS										
None.....	—	—	—	—	42	7	6	3	—	—
1.....	11	—	—	97	715	89	10	28	9	12
2.....	355	38	50	446	1 220	158	781	235	90	155
3.....	800	89	80	1 661	4 626	300	1 040	189	70	117
4 or more.....	343	42	22	318	1 372	110	484	113	33	54
50 or more.....	5	—	—	29	305	28	102	6	—	—
UNITS IN STRUCTURE										
1, detached.....	333	—	6	1 281	6 289	391	258	8	—	—
1, attached.....	329	26	18	498	681	97	247	88	10	16
2.....	94	47	—	114	179	17	131	22	15	19
3 and 4.....	483	56	94	339	305	38	879	79	168	—
5 to 9.....	249	27	34	214	496	92	672	129	70	77
10 to 49.....	26	13	—	53	179	40	236	89	28	58
50 or more.....	—	—	—	46	138	17	—	—	—	—
Mobile home or trailer, etc.....	—	—	—	—	13	—	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	1 439	152	152	1 321	1 043	251	2 374	558	196	332
1, mobile home or trailer, etc.....	587	24	34	586	156	50	1 586	156	50	156
Median gross rent.....	\$276	—	\$225	\$451	\$484	\$453	\$311	\$245	\$225	\$275
2 or more.....	852	143	128	532	457	101	1 918	478	192	322
Median gross rent.....	\$231	\$227	\$222	\$398	\$522	\$391	\$242	\$224	\$230	\$235
BATHROOMS										
No bathroom or only a half bath.....	7	—	6	9	29	—	19	—	—	12
1 complete bathroom.....	317	30	40	415	1 307	169	731	244	56	112
1 complete bathroom plus half bath(s).....	365	44	51	933	2 384	241	1 207	225	96	149
2 or more complete bathrooms.....	825	95	55	1 188	4 560	282	466	105	50	64
SOURCE OF WATER										
Public system or private company.....	1 509	169	152	2 545	8 269	692	2 419	574	202	338
Individual drilled well.....	—	—	—	—	—	—	—	—	—	—
Individual dug well.....	—	—	—	—	—	—	—	—	—	—
Some other source.....	5	—	—	—	—	—	4	—	—	—
HEATING EQUIPMENT										
Steam or hot water system.....	5	—	7	85	814	73	28	15	18	20
Central warm-air furnace.....	77	—	7	—	—	—	27	28	5	4
Electric heat pump.....	—	—	—	42	124	28	—	11	—	—
Other built-in electric units.....	5	—	6	10	170	13	1 185	266	84	145
Floor, wall, or pipeless furnace.....	—	—	—	—	—	—	6	22	—	—
Room heaters with flue.....	—	—	—	—	—	—	—	—	—	—
Room heaters without flue.....	—	—	—	—	—	—	49	3	—	7
Fireplaces, stoves, or portable room heaters.....	—	—	—	21	71	—	175	4	6	4
None.....	1 427	169	132	2 387	7 101	578	953	225	89	154
SELECTED CHARACTERISTICS										
No telephone.....	37	13	13	30	60	14	61	34	9	19
No complete kitchen facilities.....	5	—	—	7	11	5	23	—	—	—
Lacking air conditioning.....	897	103	66	2 007	6 729	539	1 950	452	160	280
Lacking public sewer.....	5	—	—	16	72	4	14	23	5	8
No vehicle available.....	28	14	11	84	173	24	63	22	3	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	—	—	—	1 192	7 187	437	—	—	—	—
1979 to March 1980.....	—	—	—	260	980	61	—	—	—	—
1975 to 1978.....	—	—	—	360	1 629	169	—	—	—	—
1970 to 1974.....	—	—	—	183	1 718	74	—	—	—	—
1960 to 1969.....	—	—	—	349	2 098	126	—	—	—	—
1950 to 1959.....	—	—	—	40	745	27	—	—	—	—
1949 or earlier.....	—	—	—	—	17	—	—	—	—	—
Renter-occupied housing units	1 514	169	152	1 353	1 093	255	2 423	574	202	338
1979 to March 1980.....	785	100	56	664	438	118	1 253	309	94	207
1975 to 1978.....	724	89	85	531	433	92	1 165	265	108	121
1970 to 1974.....	—	—	11	93	134	24	—	—	—	—
1960 to 1969.....	5	—	—	49	71	12	—	—	—	10
1959 or earlier.....	—	—	—	16	17	9	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	—	—	—	126	427	32	—	—	—	—
Owner-occupied housing units.....	—	—	—	71	318	22	—	—	—	—
Lacking complete plumbing for exclusive use.....	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities.....	—	—	—	—	4	4	—	—	—	—
No vehicle available.....	—	—	—	52	110	10	—	—	—	—
No telephone.....	—	—	—	14	7	7	—	—	—	—
Lacking central heating system.....	—	—	—	109	368	16	—	—	—	—
Lacking air conditioning.....	—	—	—	109	376	26	—	—	—	—

¹Persons of Spanish origin may be of any race.

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Wahiawa (CDP)			Waialua (CDP)			Waipahu (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units.....	1 529	3 290	536	928	2 391		1 321	5 127	706
YEAR STRUCTURE BUILT									
1979 to March 1980.....	5	27	8	42	131		6	94	—
1975 to 1978.....	108	82	42	123	277		126	377	20
1970 to 1974.....	204	147	54	242	238		249	875	140
1960 to 1969.....	453	917	119	197	568		629	2 746	418
1950 to 1959.....	359	1 138	152	107	323		199	735	86
1940 to 1949.....	210	540	86	106	261		94	136	29
1939 or earlier.....	190	459	75	261	593		18	164	15
BEDROOMS									
None.....	91	123	34	58	183		17	36	9
1.....	323	380	119	187	354		130	557	77
2.....	556	834	183	329	552		765	1 366	304
3.....	411	1 455	152	261	975		311	2 213	226
4.....	126	366	30	55	282		86	451	72
5 or more.....	22	132	18	38	45		12	304	18
UNITS IN STRUCTURE									
1, detached.....	785	2 337	289	525	1 593		359	3 202	330
1, attached.....	44	113	34	6	51		25	158	14
2.....	88	180	48	33	60		24	302	24
3 and 4.....	42	146	35	32	121		13	266	61
5 to 9.....	168	215	50	66	168		225	480	173
10 to 49.....	10	225	70	30	324		302	544	71
50 or more.....	232	74	33	42	72		251	174	3
Mobile home or trailer, etc.....	—	—	—	—	—		—	3	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing									
units.....	1 134	1 337	425	528	958		1 039	2 026	294
1, mobile home or trailer, etc.....	465	671	216	228	397		124	559	63
Median gross rent.....	\$340	\$321	\$331	\$365	\$319		\$381	\$392	\$461
2 or more.....	669	666	209	561	561		1 460	1 460	6
Median gross rent.....	\$261	\$236	\$231	\$287	\$263		\$358	\$372	\$310
BATHROOMS									
No bathroom or only a half bath.....	26	144	21	64	169		36	144	4
1 complete bathroom.....	1 112	1 626	379	523	1 103		848	1 988	353
1 complete bathroom plus half bath(s).....	21	102	40	15	60		23	1 304	147
2 or more complete bathrooms.....	189	785	46	186	517		186	1 191	202
SOURCE OF WATER									
Public system or private company.....	1 526	3 290	536	928	2 391		1 321	5 113	696
Individual drilled well.....	—	—	—	—	—		—	4	—
Individual dug well.....	—	—	—	—	—		—	10	—
Some other source.....	3	—	—	—	—		—	10	10
HEATING EQUIPMENT									
Steam or hot water system.....	45	249	51	15	58		74	584	74
Central warm-air furnace.....	—	—	—	—	—		—	7	—
Electric heat pump.....	—	65	22	—	—		18	184	15
Other built-in electric units.....	—	48	—	—	38		6	107	15
Floor, wall, or pipeless furnace.....	—	5	—	—	—		—	6	—
Room heaters with fuel.....	—	13	—	—	—		—	6	—
Room heaters without fuel.....	6	—	—	—	—		—	5	—
Fireplaces, stoves, or portable room heaters.....	127	231	34	17	28		5	61	5
None.....	1 341	2 679	429	891	2 267		1 211	4 174	597
SELECTED CHARACTERISTICS									
No telephone.....	130	186	46	93	170		115	313	74
No complete kitchen facilities.....	75	40	7	30	109		8	57	105
Lacking air conditioning.....	1 485	3 147	531	887	2 279		1 140	4 583	664
Lacking public sewer.....	59	68	40	35	157		9	102	6
No vehicle available.....	162	379	99	79	180		139	424	114
YEAR HOUSEHOLDER MOVED INTO UNIT									
380.....	1 926	103	400	1 433	264		3 063	300	9
1979 to March 1980.....	40	59	19	81	163		12	60	28
1975 to 1978.....	75	232	21	108	245		41	167	90
1970 to 1974.....	78	180	20	66	218		24	306	158
1960 to 1969.....	113	584	13	45	293		142	1 371	147
1950 to 1959.....	43	567	19	39	249		40	293	24
1949 or earlier.....	31	294	5	111	265		5	13	5
RENTER-OWNED HOUSING UNITS									
1 149.....	1 348	438	528	958	2 084		1 057	2 084	486
1979 to March 1980.....	650	577	206	198	321		695	978	224
1975 to 1978.....	355	404	129	221	372		260	683	119
1970 to 1974.....	73	171	24	75	106		74	198	53
1960 to 1969.....	73	111	43	3	95		28	122	8
1959 or earlier.....	33	101	31	31	64		—	103	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units.....	141	678	53	158	591		74	727	74
Owner-occupied housing units.....	107	495	25	115	487		56	520	58
Lacking complete plumbing for exclusive use.....	3	46	7	—	38		—	18	—
No complete kitchen facilities.....	3	14	—	—	—		—	13	—
No vehicle available.....	19	162	21	26	70		5	88	30
No telephone.....	10	28	—	2	33		5	35	15
Lacking central heating system.....	126	561	41	158	566		66	670	59
Lacking air conditioning.....	141	654	53	145	571		71	682	74

¹Persons of Spanish origin may be of any race.

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Alia (CDP)			Ewa Beach (CDP)			Hilo (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	3 948	5 408	579	1 226	1 934	416	3 237	7 692	697
HOUSE HEATING FUEL									
Utility gas	48	371	34	49	142	28	6	19	—
Bottled, tank, or LP gas	37	140	21	19	60	24	10	32	—
Electricity	84	315	45	32	144	16	248	545	27
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	23	—
Coal or coke	—	—	—	—	—	—	—	116	—
Wood	31	14	—	3	—	—	81	—	—
Other fuel	—	—	—	—	—	—	—	—	—
No fuel used	3 748	4 568	479	1 123	1 588	348	2 892	6 956	670
WATER HEATING FUEL									
Utility gas	732	287	31	43	18	—	739	1 465	219
Bottled, tank, or LP gas	267	242	19	24	52	10	413	1 204	135
Electricity	2 915	4 847	519	1 144	1 834	406	2 001	4 697	318
Fuel oil, kerosene, etc.	10	—	10	—	6	—	—	25	—
Other	6	32	—	15	16	—	51	237	18
No fuel used	18	—	—	—	6	—	8	13	—
COOKING FUEL									
Utility gas	362	269	26	21	18	—	590	1 315	200
Bottled, tank, or LP gas	47	117	21	42	60	10	348	1 204	106
Electricity	3 518	5 002	532	1 163	1 856	406	2 219	5 083	370
Other	—	—	—	—	—	—	—	17	—
No fuel used	21	20	—	—	—	—	80	73	21
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	1 176	3 042	181	644	1 109	243	1 314	4 469	190
With a mortgage	1 027	2 317	160	579	1 072	222	799	2 874	127
Less than \$100	6	14	—	12	12	6	15	24	—
\$100 to \$149	5	—	—	7	—	—	14	32	6
\$150 to \$199	26	107	—	44	53	7	25	136	—
\$200 to \$249	31	278	—	44	89	21	38	221	12
\$250 to \$299	263	379	—	119	119	27	376	56	3
\$300 to \$349	64	174	4	28	90	14	85	351	34
\$350 to \$399	59	162	25	64	139	20	80	336	22
\$400 to \$449	189	289	31	64	144	14	261	64	14
\$450 to \$499	73	180	15	37	88	5	82	303	8
\$500 to \$599	167	324	44	109	199	73	106	399	10
\$600 to \$749	360	579	90	152	255	114	114	282	12
\$750 or more	300	361	30	61	107	11	65	146	6
Median	\$571	\$440	\$516	\$460	\$421	\$470	\$436	\$394	\$369
Not mortgaged	149	725	21	65	37	21	515	1 795	63
Less than \$50	—	10	—	6	—	—	—	50	—
\$50 to \$74	—	62	—	17	—	—	69	321	19
\$75 to \$99	39	167	—	22	7	7	114	482	8
\$100 to \$149	15	342	13	13	15	222	6	927	36
\$150 to \$199	46	94	5	5	15	8	53	175	—
\$200 to \$249	18	38	9	—	—	—	22	50	—
\$250 or more	—	12	—	—	—	—	29	—	—
Median	\$138	\$115	\$160	\$84	\$119	\$140	\$114	\$102	\$107
GROSS RENT									
Specified renter-occupied housing units	2 078	1 403	292	454	442	124	1 730	2 666	474
Less than \$50	—	10	—	—	—	—	5	7	—
\$50 to \$59	—	—	—	—	—	—	—	85	6
\$60 to \$79	7	—	—	—	3	4	50	79	7
\$80 to \$99	—	17	6	—	5	5	24	85	10
\$100 to \$119	—	35	8	—	8	—	37	113	9
\$120 to \$149	6	—	—	—	5	—	11	116	30
\$150 to \$169	—	55	26	4	13	—	84	141	15
\$170 to \$199	40	71	15	12	5	123	5	208	59
\$200 to \$219	35	126	58	126	58	267	9	415	113
\$220 to \$299	57	145	15	41	67	21	178	419	11
\$300 to \$349	164	156	41	76	56	14	297	282	83
\$350 to \$399	209	209	106	180	190	28	118	290	10
\$400 to \$499	567	236	37	130	97	8	258	215	48
\$500 or more	671	203	51	57	41	30	150	108	10
No cash rent	—	84	10	—	21	—	4	203	6
Median	\$448	\$346	\$354	\$381	\$348	\$361	\$296	\$248	\$244
HOUSEHOLD INCOME IN 1979									
Occupied housing units	3 948	5 408	579	1 226	1 934	416	3 237	7 692	697
Median income	\$25 262	\$27 386	\$18 646	\$21 047	\$21 136	\$18 750	\$16 638	\$19 439	\$11 203
Owner-occupied housing units	1 845	3 993	287	761	1 484	292	1 507	5 011	223
Median income	\$32 680	\$31 858	\$29 427	\$24 753	\$22 968	\$21 000	\$25 143	\$24 476	\$23 594
Renter-occupied housing units	2 100	415	292	465	450	124	1 730	2 681	474
Median income	\$17 937	\$15 097	\$10 380	\$15 689	\$16 116	\$14 167	\$10 419	\$10 452	\$8 775
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	38	76	12	50	100	57	103	217	9
Percent below poverty level	1.21	1.9	4.2	4.6	6.7	19.5	4.8	4.3	4.0
Complete plumbing for exclusive use	38	76	12	50	100	57	103	217	9
1.01 or more persons per room	5	9	5	14	52	29	—	10	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	182	307	103	69	62	30	511	741	182
Percent below poverty level	8.7	21.7	35.3	14.8	13.8	24.2	29.5	27.4	38.4
Complete plumbing for exclusive use	182	300	103	69	69	30	488	741	169
1.01 or more persons per room	25	136	30	26	21	21	63	104	6
Lacking complete plumbing for exclusive use	—	7	—	—	—	—	23	92	13
1.01 or more persons per room	—	—	—	—	—	—	9	—	—

¹Persons of Spanish origin may be of any race

Table 90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

HOUSING HEATING FUEL

Utility gas	11	41	134	129	21	71	393	54	59	299	39
Bottled, tank, or LP gas	26	23	17	12	80	201	72	19	26	162	12
Electricity	27	136	69	86	—	—	—	—	—	7	—
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—
Cool or cake	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	95	11	—	31	9	—	11	7	—
Other fuel	—	—	52	13	7	218	36	—	—	—	—
No fuel used	731	2 692	6 523	3 159	348	2 718	4 536	325	2 534	2 880	305

WATER HEATING FUEL

Utility gas	38	207	876	498	46	191	369	40	27	45	—
Bottled, tank, or LP gas	117	269	187	114	24	166	215	33	14	43	—
Electricity	634	2 354	5 670	2 787	316	2 543	4 427	319	2 565	3 194	340
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—
Other	6	109	163	16	7	23	28	—	24	73	16
No fuel used	—	—	—	—	—	—	8	6	—	—	—

COOKING FUEL

Utility gas	8	111	771	422	31	132	336	42	26	39	21
Bottled, tank, or LP gas	67	291	161	130	7	146	204	14	10	—	—
Electricity	712	2 511	5 949	2 854	355	2 615	4 476	342	2 590	3 291	335
Other	—	—	5	—	—	—	8	—	—	—	—
No fuel used	8	31	10	9	—	30	23	—	4	—	—

**MORTGAGE STATUS AND SELECTED
MONTHLY OWNER COSTS**

Specified owner-occupied housing units	285	1 843	3 954	2 387	152	1 139	3 316	120	969	2 320	163
With a mortgage	178	1 141	3 351	2 037	129	957	2 638	101	954	2 281	151
Less than \$100	—	13	—	—	—	17	21	—	—	—	—
\$100 to \$149	6	41	6	6	—	—	—	—	—	—	—
\$150 to \$199	21	169	33	61	7	30	102	8	5	19	11
\$200 to \$249	162	28	146	78	121	278	130	148	23	134	7
\$250 to \$299	36	196	268	189	11	96	537	6	6	33	—
\$300 to \$349	14	123	202	136	28	36	250	5	19	41	—
\$350 to \$399	21	117	137	148	13	82	274	17	456	26	—
\$400 to \$449	12	333	205	170	5	93	164	10	51	182	11
\$450 to \$499	20	49	274	223	8	58	139	7	45	241	16
\$500 to \$599	51	5	407	387	8	80	374	12	217	583	24
\$600 to \$749	87	50	578	389	22	111	312	17	217	583	24
\$750 or more	5	37	1 083	300	32	221	320	22	491	572	24
Median	\$297	\$297	\$493	\$466	\$447	\$396	\$504	\$757	\$603	\$611	\$611
Not mortgaged	107	702	603	350	23	182	678	19	15	39	12
Less than \$50	6	11	—	—	—	6	53	—	—	—	—
\$50 to \$74	28	138	79	79	9	12	8	—	—	—	—
\$75 to \$99	39	246	102	55	9	49	116	—	—	14	6
\$100 to \$149	31	215	240	154	8	49	328	11	7	13	—
\$150 to \$199	61	61	73	97	6	36	173	8	8	12	6
\$200 to \$249	3	31	51	23	—	24	—	—	—	—	—
\$250 or more	—	—	34	5	—	6	—	—	—	—	—
Median	\$98	\$96	\$120	\$122	\$133	\$126	\$124	\$144	\$152	\$111	\$137

GROSS RENT

Specified renter-occupied housing units	419	736	2 214	706	216	1 161	1 176	230	650	230	94
Less than \$50	—	16	—	—	—	—	—	—	—	—	—
\$50 to \$59	44	14	—	—	—	—	—	—	—	—	—
\$60 to \$79	9	50	6	—	—	12	—	—	—	7	—
\$80 to \$99	8	37	—	—	—	—	—	—	—	—	—
\$100 to \$119	—	50	—	—	—	—	—	—	—	5	—
\$120 to \$149	7	26	5	—	—	19	5	—	—	—	—
\$150 to \$169	24	11	22	5	—	29	16	—	—	—	—
\$170 to \$199	22	14	37	23	6	32	6	—	—	—	—
\$200 to \$249	—	10	115	50	11	62	138	15	24	16	21
\$250 to \$299	6	33	154	65	32	59	156	19	38	30	20
\$300 to \$349	59	41	116	102	16	76	214	14	29	6	—
\$350 to \$399	55	79	305	153	54	223	148	57	50	16	12
\$400 to \$499	123	148	423	107	31	293	191	52	118	40	14
\$500 or more	98	66	156	114	38	181	182	17	87	29	—
No cash rent	20	83	109	73	—	32	63	—	—	—	—
Median	\$390	\$349	\$449	\$369	\$361	\$437	\$342	\$373	\$500+	\$430	\$350

HOUSEHOLD INCOME IN 1979

Specified housing units	795	2 944	6 896	3 415	393	2 923	5 047	398	2 630	3 355	356
Median income	\$16 505	\$24 056	\$27 765	\$28 518	\$16 225	\$24 288	\$29 068	\$18 663	\$26 276	\$29 754	\$24 250
Owner-occupied housing units	365	2 203	4 652	2 704	172	1 753	3 854	154	1 963	3 125	262
Median income	\$27 716	\$26 861	\$33 919	\$32 294	\$26 029	\$30 295	\$33 044	\$26 912	\$28 478	\$30 403	\$27 115
Renter-occupied housing units	430	741	2 244	711	221	1 170	1 193	244	667	230	94
Median income	\$8 771	\$12 375	\$16 784	\$15 625	\$11 513	\$18 169	\$17 104	\$15 000	\$18 714	\$18 409	\$10 625

**INCOME IN 1979 BELOW POVERTY
LEVEL**

Owner-occupied housing units	5	115	220	88	12	55	81	21	48	26	—
Percent below poverty level	1.4	5.2	4.7	3.3	7.0	3.1	2.1	13.6	2.4	0.8	—
Complete plumbing for exclusive use	5	115	220	88	12	55	81	21	48	26	—
1.01 or more persons per room	—	25	7	30	—	—	—	—	—	—	—
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	139	200	292	120	41	77	185	25	62	41	27
Percent below poverty level	32.3	27.0	13.0	18.1	18.6	6.6	15.5	10.2	9.3	17.8	28.7
Complete plumbing for exclusive use	139	200	292	124	41	77	185	25	62	41	27
1.01 or more persons per room	22	44	29	34	—	10	94	10	6	11	—
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	5	—	—	—	—	—	—	—

*Persons of Spanish origin may be of any race.

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Makapu (COP)			Pearl City (COP)			Schofield Barracks (COP)			
	Race			Race			Race			
	White	Black	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 514	169	152	2 545	8 280	692	2 423	574	202	338
HOUSE HEATING FUEL										
Utility gas	12	—	7	54	519	53	83	40	18	31
Bottled, tank, or LP gas	—	—	—	31	295	20	—	8	—	—
Electricity	75	—	13	63	358	41	1 249	298	84	153
Fuel oil, kerosene, etc.	—	—	—	—	—	—	10	3	5	—
Cool or cake	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	10	7	—	128	—	6	—
Other fuel	—	—	—	—	—	—	—	—	—	—
No fuel used	1 427	169	132	2 387	7 101	578	953	225	89	154
WATER HEATING FUEL										
Utility gas	64	—	12	64	150	3	390	125	30	58
Bottled, tank, or LP gas	19	—	—	17	84	14	23	14	—	—
Electricity	1 431	169	140	2 438	7 910	675	2 004	435	172	280
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	26	125	9	—	—	—	—
No fuel used	—	—	—	—	11	—	6	—	—	—
COOKING FUEL										
Utility gas	6	—	—	16	129	—	368	122	26	51
Bottled, tank, or LP gas	—	—	—	13	107	4	19	6	—	—
Electricity	1 503	169	145	2 516	8 025	688	2 013	446	176	287
Other	—	—	—	—	—	—	—	—	—	—
No fuel used	5	—	7	—	18	—	23	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units				803	5 855	282				
With a mortgage	—	—	—	771	5 381	282	—	—	—	—
Less than \$100	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	—	—	—	—	45	—	—	—	—	—
\$150 to \$199	—	—	—	32	180	—	—	—	—	—
\$200 to \$249	—	—	—	82	372	22	—	—	—	—
\$250 to \$299	—	—	—	91	496	38	—	—	—	—
\$300 to \$349	—	—	—	84	517	9	—	—	—	—
\$350 to \$399	—	—	—	72	551	62	—	—	—	—
\$400 to \$449	—	—	—	23	409	23	—	—	—	—
\$450 to \$499	—	—	—	35	222	12	—	—	—	—
\$500 to \$599	—	—	—	60	728	37	—	—	—	—
\$600 to \$749	—	—	—	165	944	155	—	—	—	—
\$750 or more	—	—	—	127	717	25	—	—	—	—
Median	—	—	—	\$452	\$464	\$422	—	—	—	—
Not mortgaged	—	—	—	32	474	—	—	—	—	—
Less than \$50	—	—	—	13	17	—	—	—	—	—
\$50 to \$74	—	—	—	13	34	—	—	—	—	—
\$75 to \$99	—	—	—	19	94	—	—	—	—	—
\$100 to \$149	—	—	—	—	210	—	—	—	—	—
\$150 to \$199	—	—	—	—	100	—	—	—	—	—
\$200 to \$249	—	—	—	—	6	—	—	—	—	—
\$250 or more	—	—	—	—	13	—	—	—	—	—
Median	—	—	—	\$79	\$118	—	—	—	—	—
GROSS RENT										
Specified renter-occupied housing units	1 439	152	152	1 321	1 043	251	2 374	558	196	332
Less than \$50	—	—	—	5	8	—	6	—	—	—
\$50 to \$59	—	—	—	18	16	—	—	—	—	—
\$60 to \$79	—	—	—	7	8	—	—	—	—	—
\$80 to \$99	—	—	—	6	14	—	—	—	—	—
\$100 to \$119	—	—	—	7	8	—	—	—	—	—
\$120 to \$149	—	—	—	—	29	—	3	6	4	—
\$150 to \$169	—	—	—	82	38	13	6	59	53	6
\$170 to \$199	—	—	—	476	40	84	26	452	78	23
\$200 to \$249	—	—	—	182	14	81	11	226	78	52
\$250 to \$299	—	—	—	104	13	6	10	153	22	5
\$300 to \$349	—	—	—	34	14	—	94	78	8	4
\$350 to \$399	—	—	—	62	281	183	94	22	6	9
\$400 to \$499	—	—	—	23	—	—	18	14	—	—
\$500 or more	—	—	—	462	33	49	1 285	333	134	246
No cash rent	—	—	—	\$242	\$220	\$228	\$431	\$256	\$222	\$238
Median	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979										
Occupied housing units	1 514	169	152	2 545	8 280	692	2 423	574	202	338
Median income	\$14 089	\$15 509	\$11 484	\$21 353	\$31 629	\$23 583	\$11 990	\$10 859	\$11 207	\$9 269
Owner-occupied housing units										
Median income	—	—	—	1 192	7 167	437	—	—	—	—
Median income	—	—	—	\$29 722	\$34 896	\$24 896	—	—	—	—
Renter-occupied housing units	1 514	169	152	1 353	1 093	255	2 423	574	202	338
Median income	\$14 089	\$15 509	\$11 484	\$16 328	\$19 970	\$17 604	\$11 990	\$10 859	\$11 207	\$9 269
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units				33	109	21				
Percent below poverty level	—	—	—	2.8	1.5	4.8	—	—	—	—
Complete plumbing for exclusive use	—	—	—	33	109	21	—	—	—	—
1.01 or more persons per room	—	—	—	—	29	6	—	—	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	70	12	7	146	115	28	152	78	33	63
Percent below poverty level	4.6	7.1	4.6	10.8	10.5	11.0	6.3	13.6	16.3	18.6
Complete plumbing for exclusive use	70	12	7	146	104	28	146	78	33	63
1.01 or more persons per room	—	—	—	27	11	4	—	15	12	17
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	11	—	6	—	—	—

¹Persons of Spanish origin may be of any race.

Table 90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Wahiawa (CDP)			Waikuku (CDP)			Waipahu (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander		White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 529	3 290	536	928	2 391		1 321	5 127	706
HOUSE HEATING FUEL									
Utility gas.....	14	25	8	9	9		56	325	39
Bottled, tank, or LP gas.....	17	5	6	6	49		18	276	35
Electricity.....	66	223	51	5	61		36	352	35
Fuel oil, kerosene, etc.....	32	212	37	—	—		—	—	—
Coal or coke.....	—	—	—	—	—		—	—	—
Wood.....	59	98	5	17	5		—	—	—
Other fuel.....	—	—	—	—	—		—	—	—
No fuel used.....	1 341	2 679	429	891	2 267		1 211	4 174	597
WATER HEATING FUEL									
Utility gas.....	153	138	36	14	58		102	239	50
Bottled, tank, or LP gas.....	66	156	41	180	509		52	174	46
Electricity.....	1 295	2 964	459	722	1 682		1 167	4 683	610
Fuel oil, kerosene, etc.....	—	—	—	—	—		—	—	—
Other.....	—	14	—	6	86		—	20	—
No fuel used.....	15	18	—	6	56		—	11	—
COOKING FUEL									
Utility gas.....	80	129	27	18	68		60	256	50
Bottled, tank, or LP gas.....	105	176	51	155	330		35	186	53
Electricity.....	1 276	2 972	458	723	1 895		1 218	4 676	603
Other.....	—	5	—	14	24		8	4	—
No fuel used.....	68	8	—	18	54		—	5	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	331	1 680	99	292	1 230		228	2 630	262
With a mortgage.....	213	1 016	58	137	603		165	2 407	225
Less than \$100.....	—	12	—	—	6		—	6	—
\$100 to \$149.....	—	7	—	—	17		—	8	—
\$150 to \$199.....	4	35	4	24	39		13	95	5
\$200 to \$249.....	6	131	6	6	95		11	228	28
\$250 to \$299.....	19	109	11	15	109		40	215	21
\$300 to \$349.....	—	75	—	17	64		19	244	26
\$350 to \$399.....	34	86	10	39	36		10	197	10
\$400 to \$449.....	39	53	5	8	107		13	193	14
\$450 to \$499.....	6	88	13	—	54		—	204	19
\$500 to \$599.....	13	181	12	—	88		15	368	32
\$600 to \$749.....	60	95	44	18	44		27	287	45
\$750 or more.....	32	80	15	25	46		17	241	29
Median.....	\$488	\$420	\$492	\$378	\$377		\$349	\$423	\$483
Not mortgaged	118	664	41	155	627		63	223	37
Less than \$50.....	—	13	—	—	26		5	6	—
\$50 to \$74.....	7	74	6	51	208		12	44	—
\$75 to \$99.....	15	205	63	35	153		16	65	9
\$100 to \$149.....	78	120	11	26	149		22	30	—
\$150 to \$199.....	8	90	18	26	59		—	36	9
\$200 to \$249.....	—	—	—	—	—		—	—	—
\$250 or more.....	—	6	—	—	7		—	—	—
Median.....	\$112	\$107	\$119	\$89	\$88		\$98	\$99	\$113
GROSS RENT									
Specified renter-occupied housing units	1 134	1 337	425	528	958		1 039	2 026	394
Less than \$50.....	—	6	—	—	15		—	9	—
\$50 to \$59.....	—	7	—	—	9		—	8	—
\$60 to \$79.....	20	19	—	—	13		—	42	—
\$80 to \$99.....	4	6	—	—	10		—	—	—
\$100 to \$119.....	4	30	16	—	42		6	22	4
\$120 to \$149.....	11	54	13	17	22		22	74	5
\$150 to \$169.....	7	30	—	21	59		—	7	—
\$170 to \$199.....	68	107	57	47	55		—	12	6
\$200 to \$249.....	200	281	80	57	122		21	57	27
\$250 to \$299.....	209	239	51	91	142		167	413	116
\$300 to \$349.....	116	194	61	94	91		174	314	91
\$350 to \$399.....	148	148	83	148	86		473	296	61
\$400 to \$499.....	33	121	43	80	116		168	296	53
\$500 or more.....	149	28	10	127	49		27	108	3
No cash rent.....	30	128	6	33	127		—	108	3
Median.....	\$293	\$262	\$293	\$307	\$272		\$361	\$327	\$321
HOUSEHOLD INCOME IN 1979									
Occupied housing units	1 529	3 290	536	928	2 391		1 321	5 127	706
Median income.....	\$13 771	\$21 471	\$13 409	\$14 466	\$19 701		\$14 796	\$24 717	\$17 643
Owner-occupied housing units	380	1 026	103	240	609		240	3 400	343
Median income.....	\$25 787	\$30 145	\$27 125	\$21 357	\$25 229		\$28 500	\$32 851	\$29 688
Renter-occupied housing units	1 149	1 364	433	688	1 782		1 081	2 084	363
Median income.....	\$11 573	\$10 780	\$10 607	\$12 000	\$14 263		\$12 600	\$11 802	\$8 807
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	39	52	9	—	38		16	78	24
Percent below poverty level.....	5.0	2.7	8.7	—	2.7		6.1	2.6	8.0
Complete plumbing for exclusive use.....	16	52	9	—	38		16	78	24
1.01 or more persons per room.....	—	5	—	—	6		—	27	—
Lacking complete plumbing for exclusive use.....	3	—	—	—	—		—	—	—
1.01 or more persons per room.....	—	—	—	—	—		—	—	—
Renter-occupied housing units	177	354	136	86	175		277	560	165
Percent below poverty level.....	15.4	26.0	31.4	16.3	18.3		26.2	26.9	35.7
Complete plumbing for exclusive use.....	177	354	136	86	175		277	560	165
1.01 or more persons per room.....	13	105	28	10	61		69	228	34
Lacking complete plumbing for exclusive use.....	—	31	—	6	22		15	27	—
1.01 or more persons per room.....	—	15	—	—	—		15	6	—

¹Persons of Spanish origin may be of any race.

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Places	Ahuimanu (CDP)	Ewa (CDP)	Hanalei (CDP)	Hauula (CDP)	Heia (CDP)	Hickam Housing (CDP)	Iroquois Point (CDP)	Kahului (CDP)	Kalihi (CDP) Hawaii County	Kalaheo (CDP)	Kapa'a (CDP)	Kekaha (CDP)	Kihei (CDP)	Lahaina (CDP)
Year-round housing units	1 659	678	832	861	1 550	1 422	1 081	914	2 294	847	1 820	949	5 099	2 378
Complete kitchen facilities	1 841	634	799	840	1 514	1 422	1 081	900	2 246	822	1 769	947	5 051	2 329
YEAR STRUCTURE BUILT														
1979 to March 1980	134	—	68	30	11	—	11	242	31	279	58	879	107	
1975 to 1978	377	—	95	48	277	7	17	223	466	137	133	2 307	123	
1970 to 1974	766	—	180	116	327	82	32	171	1 070	171	218	126	1 391	880
1960 to 1969	491	7	350	301	815	316	379	365	182	163	159	68	312	509
1940 to 1959	91	34	98	280	109	675	643	292	114	172	484	37	148	385
1939 or earlier	—	327	41	86	11	342	10	52	20	149	341	247	62	361
HEATING EQUIPMENT														
Steam or hot water system	91	50	6	17	105	—	30	33	—	—	—	5	27	19
Central warm-air furnace	—	—	—	—	—	—	—	—	—	13	—	—	—	—
Electric heat pump	7	15	—	—	8	—	—	—	—	—	16	—	—	—
Other built-in electric units	30	26	—	—	17	—	—	—	—	—	—	—	21	12
Other means or none	1 731	580	826	838	1 420	1 422	1 051	881	2 294	834	1 792	944	5 051	2 348
BEDROOMS														
None	6	—	19	34	—	5	—	16	64	19	90	4	179	352
1	68	165	90	168	73	—	—	87	798	74	217	48	2 155	496
2	401	154	101	277	202	485	129	765	260	602	267	1 771	419	
3	938	350	496	326	762	732	783	348	531	435	781	465	872	833
4	301	9	84	40	463	201	169	102	121	45	78	151	108	204
5 or more	104	—	42	16	50	7	—	64	17	14	52	14	14	75
UNITS IN STRUCTURE														
1, mobile home or trailer, etc.	1 071	606	604	638	1 405	530	675	675	827	658	1 115	857	1 033	1 412
2 to 4	413	50	202	65	20	499	390	128	159	68	119	70	111	125
5 to 9	285	2	47	9	37	30	—	20	163	42	76	—	165	99
10 to 49	90	—	26	111	74	9	—	91	761	6	299	22	887	544
50 or more	—	—	—	—	42	10	16	—	384	73	211	—	2 903	199
BATHROOMS														
No bathroom or only a half bath ..	5	31	96	17	4	9	5	—	7	33	93	15	68	65
1 complete bathroom	373	618	398	508	137	470	6	319	1 305	359	1 153	520	2 513	1 207
1 complete bathroom plus half bath(s) ..	184	23	129	119	180	603	142	82	450	200	279	285	495	446
2 or more complete bathrooms	1 297	6	209	217	1 229	340	928	513	532	255	295	129	2 023	661
AIR CONDITIONING														
None	1 756	647	827	1 411	—	791	480	845	1 459	829	1 784	867	3 374	1 911
Central system	20	—	5	—	16	—	—	5	403	18	—	—	—	—
1 or more individual room units	83	31	4	133	631	601	64	342	51	34	82	1 223	306	1 599
Occupied housing units	1 763	663	827	716	1 522	1 302	1 061	838	1 330	822	1 425	919	5 026	1 978
No telephone	14	16	66	151	7	5	16	171	63	147	26	104	174	
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	494	36	178	147	148	585	571	111	715	148	407	192	783	363
1975 to 1978	738	108	190	243	523	677	486	145	482	198	306	256	862	487
1970 to 1974	347	121	116	121	356	40	78	268	163	231	125	49	336	
1960 to 1969	1154	205	255	168	465	198	58	177	200	114	200	114	63	438
1959 or earlier	28	293	88	37	30	—	9	106	7	136	279	232	79	315
HOUSE HEATING FUEL														
Utility gas	32	24	—	—	74	—	36	12	—	—	5	—	—	—
Bottled, tank, or LP gas	59	6	12	20	20	—	—	7	13	—	—	18	10	—
Electricity	—	55	—	21	47	38	6	—	13	21	26	—	32	17
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cool or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	5	—	—	—	47	—	—	40	24	58	13	—	—	—
Other fuel	—	—	—	—	11	—	—	—	—	—	—	—	—	—
No fuel used	1 598	549	821	683	1 316	1 264	1 033	779	1 480	740	1 375	914	1 886	1 942
VEHICLES AVAILABLE														
None	44	69	87	79	7	14	6	18	170	36	106	63	42	235
1	550	238	234	320	294	716	660	246	648	235	398	205	735	687
2	804	213	264	219	781	441	336	395	522	229	529	330	642	627
3 or more	365	143	242	98	440	131	79	179	190	322	392	331	497	434
CHARACTERISTICS OF HOUSING UNITS WITH OWNER-OR SPOUSE 65 YEARS AND OVER														
Occupied housing units	77	237	246	88	144	—	7	110	187	152	394	239	252	412
Owner-occupied housing units	51	—	200	59	131	—	—	103	90	109	279	104	195	276
Lacking complete plumbing for exclusive use ..	—	8	17	—	4	—	—	—	—	21	18	—	12	—
No complete kitchen facilities	—	22	4	—	6	—	—	—	—	13	24	—	12	—
No vehicle available	—	63	55	10	7	—	—	—	50	24	68	57	30	64
No telephone	—	12	19	—	—	—	—	—	20	11	62	11	62	21
Lacking central heating system	—	240	189	10	123	—	—	110	187	152	389	239	235	406
Lacking air conditioning	72	231	241	88	138	—	—	107	146	152	364	219	176	348
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units ..	605	—	487	284	1 218	—	—	482	590	434	564	370	578	888
With a mortgage	559	—	336	165	1 142	—	—	207	510	268	206	280	426	519
Less than \$100	—	—	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199	11	7	26	10	—	—	—	—	4	8	28	5	14	5
\$200 to \$299	15	—	85	27	165	—	—	—	102	68	14	71	36	80
\$300 to \$399	158	—	48	18	148	—	—	54	153	40	80	109	89	105
\$400 to \$499	158	—	113	43	247	—	—	37	142	81	43	49	161	139
\$500 or more	217	—	11	51	572	—	—	88	109	71	42	25	126	140
Median	\$520	—	\$306	\$438	\$601	—	—	\$479	\$397	\$452	\$345	\$337	\$521	\$438
Not mortgaged	46	—	151	121	76	—	—	195	80	166	358	90	352	369
Median	\$128	—	\$96	\$104	\$138	—	—	\$108	\$116	\$112	\$100	\$88	\$125	\$112
GROSS RENT														
Specified renter-occupied housing units ..	417	394	249	365	139	1 237	1 026	367	874	322	668	512	940	922
Less than \$50	—	195	6	—	—	—	—	—	11	13	54	—	—	50
\$50 to \$99	—	178	9	10	—	—	—	—	11	5	13	110	—	13
\$100 to \$149	5	177	27	—	9	9	3	—	35	26	39	155	—	50
\$150 to \$199	9	25	65	33	4	36	39	8	31	31	43	8	10	8
\$200 to \$299	12	—	46	105	4	226	250	67	62	70	155	31	68	110
\$300 to \$399	125	—	114	17	145	113	137	306	59	142	42	101	113	
\$400 or more	26	—	33	64	102	125	135	347	69	173	21	675	389	
No cash rent	46	19	46	39	604	494	137	46	49	—	—	28	88	91
Median	\$455	\$90	\$186	\$313	\$500+	\$331	\$275	\$360	\$290	\$303	\$108	\$498	\$378	
MEDIAN HOUSEHOLD INCOME IN 1979														
Owner-occupied housing units	\$26 746	\$18 868	\$17 012	\$15 644	\$36 197	\$16 285	\$14 935	\$21 579	\$16 607	\$20 660	\$16 199	\$17 010	\$20 610	\$20 062
Renter-occupied housing units	\$28 467	\$19 773	\$25 021	\$36 826	\$36 197	...	\$14 935	\$27 845	\$21 032	\$25 761	\$19 797	\$24 433	\$26 023	
Median	\$20 208	\$18 868	\$11 866	\$11 062	\$29 167	...	\$14 935	\$16 200	\$12 596	\$16 875	\$14 016	\$15 400	\$16 075	\$13 870

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Places	Laie (CDP)	Lihue (CDP)	Mali (CDP)	Makaha (CDP)	Makaleia City (CDP)	Makawao (CDP)	Manawale (CDP)	Nanalei (CDP)	Pukalani (CDP)	Waialea (CDP)	Waianae (CDP)	Waipahoehoe (CDP)	Waipahoehoe Beach (CDP)	Waipahoehoe Acres (CDP)
Year-round housing units	899	1 597	1 378	3 192	2 243	980	1 423	1 898	1 254	1 116	2 081	823	981	1 433
Complete kitchen facilities	881	1 525	1 348	3 169	2 220	980	1 416	1 884	1 254	1 059	2 019	811	944	1 433
YEAR STRUCTURE BUILT														
1979 to March 1980	49	154	6	179	290	43	5	38	227	5	30	86	—	—
1975 to 1978	214	235	114	147	603	291	54	391	239	118	398	103	36	202
1970 to 1974	340	245	151	1 511	548	201	199	631	262	117	643	290	235	600
1960 to 1969	178	255	413	615	776	79	846	447	272	233	461	170	209	334
1940 to 1959	58	420	532	703	387	199	287	332	117	280	473	131	273	285
1939 or earlier	40	258	162	37	6	147	32	39	37	363	76	43	131	12
HEATING EQUIPMENT														
Steam or hot water system	15	15	23	33	11	—	54	42	—	9	119	113	86	92
Central warm-air furnace	—	—	—	23	—	—	—	—	8	—	—	—	—	—
Electric heat pump	5	5	6	42	28	10	7	—	—	5	104	27	12	26
Other built-in electric units	8	137	13	67	—	10	11	10	—	5	49	10	17	33
Other means or none	871	1 577	1 336	3 027	2 204	970	1 352	1 845	1 236	1 097	1 800	673	818	1 299
BEDROOMS														
None	171	116	—	229	—	14	—	—	—	19	99	23	18	10
1	151	174	11	838	32	93	32	83	90	96	275	143	137	265
2	220	430	438	1 292	64	90	274	175	199	132	310	250	701	701
3	236	727	638	686	1 571	501	805	869	833	665	1 048	367	409	413
4	99	137	180	139	567	108	390	405	231	104	273	126	175	33
5 or more	22	123	11	8	9	9	106	46	23	33	34	14	10	11
UNITS IN STRUCTURE														
1, mobile home or trailer, etc.	433	1 100	1 045	958	2 024	897	1 359	1 246	1 031	893	1 222	586	836	423
2 to 4	189	84	84	19	370	58	37	34	121	160	130	125	35	19
5 to 9	22	76	19	480	129	7	17	278	47	—	250	63	—	—
10 to 49	264	114	80	102	4	39	13	231	16	—	307	133	108	556
50 or more	—	223	95	1 082	28	—	—	22	—	93	51	12	—	435
BATHROOMS														
No bathroom or only a half bath	25	25	—	18	12	—	13	14	5	18	36	25	6	7
1 complete bathroom	516	632	793	2 679	145	336	79	821	319	714	1 146	439	395	1 055
2 or more complete bathrooms	149	365	248	1 033	1 787	395	242	395	246	176	348	215	215	167
1 complete bathroom plus half bath(s)	249	575	283	248	1 053	266	1 039	530	335	208	550	126	403	279
AIR CONDITIONING														
None	873	1 482	1 215	2 404	2 083	980	1 242	1 777	1 231	1 058	1 902	778	947	1 386
Central system	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 or more individual room units	26	91	134	173	160	—	181	112	23	58	147	45	34	42
Occupied housing units	823	1 389	1 264	2 010	2 136	885	1 107	1 628	1 139	1 102	1 943	791	949	1 359
No telephone	171	119	115	316	25	47	5	164	44	17	234	43	64	50
YEAR HOUSHOLDER MOVED INTO UNIT														
1979 to March 1980	344	305	327	989	696	128	261	404	282	140	416	164	60	578
1975 to 1978	238	400	369	493	762	408	335	794	387	323	787	297	187	381
1970 to 1974	153	185	234	233	292	140	318	312	197	193	395	180	336	116
1960 to 1969	53	202	197	170	386	121	408	239	224	213	315	119	215	167
1959 or earlier	35	297	137	125	—	88	85	79	89	233	126	31	151	117
HOUSE HEATING FUEL														
Utility gas	—	—	4	7	6	—	36	26	—	—	27	53	25	50
Bottled, tank, or LP gas	15	15	19	36	8	—	12	16	7	9	87	36	15	14
Electricity	23	14	19	65	28	55	44	19	108	10	158	42	80	89
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	27	—	—	—	—	28
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	15	—	6	—	26	46	—	81	5	—	—	8	17
Other fuel	—	—	—	—	—	—	13	—	—	—	—	—	—	—
No fuel	785	1 345	1 222	1 896	2 097	795	1 246	1 767	956	1 078	1 671	636	775	1 161
VEHICLES AVAILABLE														
None	97	141	110	285	—	19	10	190	18	102	307	69	53	90
1	527	343	400	964	560	240	341	609	233	373	567	220	253	669
2	128	383	489	521	905	403	488	557	477	411	705	323	518	406
3 or more	71	302	265	240	671	223	368	472	451	216	364	179	325	194
CHARACTERISTICS OF HOUSING UNITS WITH HOUSHOLDER OR SPOUSE 65 YEARS AND OVER														
Occupied housing units	49	315	161	258	35	96	153	181	181	336	199	164	136	73
Owner-occupied housing units	35	239	110	102	31	80	141	150	145	242	119	93	113	62
Lacking complete plumbing for exclusive use	—	—	—	17	—	—	—	—	5	14	—	3	9	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	12	60	16	83	—	5	7	49	7	54	109	24	13	—
No telephone	49	10	19	21	—	—	—	—	—	—	—	—	—	—
30-day central heating system	49	315	156	238	—	96	139	181	169	325	185	143	101	55
Lacking air conditioning	43	289	126	215	31	96	138	174	181	315	177	160	131	73
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	222	766	589	416	1 282	554	1 123	904	790	512	781	362	596	354
Less than \$100	155	470	452	354	1 258	452	1 088	756	636	239	682	338	358	284
\$100 to \$199	—	17	5	—	—	—	—	13	—	—	6	—	—	—
\$200 to \$299	31	46	43	45	109	81	249	351	114	58	152	68	174	106
\$300 to \$399	48	93	65	57	156	83	89	206	112	53	112	145	50	36
\$400 to \$599	17	182	206	168	291	100	228	73	205	11	211	97	16	63
\$600 or more	44	124	72	53	69	135	498	48	216	33	130	18	78	64
Median	\$338	\$449	\$437	\$452	\$426	\$422	\$554	\$287	\$427	\$240	\$400	\$365	\$283	\$363
No mortgage	37	137	137	42	24	102	55	154	273	99	236	70	238	70
Median	\$161	\$98	\$95	\$99	\$99	\$101	\$115	\$88	\$113	\$88	\$118	\$85	\$137	\$119
GROSS RENT														
Specified renter-occupied housing units	549	538	588	1 347	277	261	200	601	323	491	738	273	240	619
Less than \$40	—	—	22	—	—	—	—	—	—	—	—	—	—	—
\$40 to \$59	—	19	9	14	—	—	5	13	—	53	7	21	7	6
\$60 to \$79	—	45	46	49	—	—	8	27	—	88	17	57	—	—
\$80 to \$99	212	35	79	37	9	19	9	20	11	90	20	68	7	26
\$100 to \$199	70	99	180	348	—	28	8	169	—	73	277	43	68	84
\$200 to \$299	34	68	187	572	24	42	12	167	117	104	210	44	37	310
\$300 to \$399	164	151	131	255	24	143	163	165	40	136	27	33	25	208
\$400 or more	9	55	7	45	4	31	15	14	35	30	16	—	15	11
No cash rent	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$286	\$272	\$300	\$327	\$500+	\$433	\$500+	\$337	\$424	\$206	\$296	\$180	\$357	\$376
MEDIAN HOUSEHOLD INCOME IN 1979														
Owner-occupied housing units	\$13 946	\$23 997	\$16 402	\$13 946	\$25 637	\$21 017	\$34 549	\$25 904	\$25 667	\$16 449	\$17 793	\$17 821	\$22 680	\$17 834
Renter-occupied housing units	\$28 839	\$29 742	\$23 402	\$20 410	\$26 911	\$22 500	\$36 564	\$27 843	\$22 735	\$21 659	\$24 735	\$22 699	\$24 038	\$22 677
Median	\$10 161	\$16 267	\$11 306	\$11 176	\$20 865	\$16 573	\$24 097	\$11 387	\$19 812	\$11 062	\$9 229	\$10 778	\$14 485	\$14 307

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980**

[Data are estimates based on a sample, see Introduction For meaning of symbols, see Introduction For definitions of terms, see appendices A and B]

Places [400 or More of the Specified Racial or Spanish Origin Group]	Alumamu (CDP)			Ewa (CDP)		Hanomolu (CDP)		Hauula (CDP)		Hea (CDP)	
	Race			Race		Race		Race		Race	
	White	Asian and Pacific Islander	Spanish origin ¹	Asian and Pacific Islander	White	Asian and Pacific Islander	White	Asian and Pacific Islander	White	Asian and Pacific Islander	White
Occupied housing units	788	900	105	462	133	487	217	485	721	782	721
Complete kitchen facilities	783	887	105	572	...	665	217	485	712	755	712
No telephone	—	14	—	16	...	49	56	95	7	—	7
YEAR STRUCTURE BUILT											
1979 to March 1980	36	60	—	—	...	55	—	21	—	11	—
1975 to 1978	179	168	15	—	...	74	22	22	179	98	179
1970 to 1974	370	319	32	—	...	152	33	67	330	163	330
1960 to 1969	182	289	36	6	...	303	71	83	185	330	185
1950 to 1959	21	64	22	318	...	69	88	137	64	45	64
1939 or earlier	—	—	—	278	...	34	3	53	—	11	—
HEATING EQUIPMENT											
Steam or hot water system	29	57	11	30	...	6	—	8	19	86	19
Central warm-air furnace	—	—	—	7	...	—	—	—	—	—	—
Electric heat pump	—	7	—	15	...	—	—	—	8	—	8
Other built-in electric units	111	19	26	26	...	57	6	—	46	111	46
Other means or none	748	817	94	524	...	681	211	477	688	685	688
BEDROOMS											
None	—	—	—	—	...	—	—	—	—	—	—
1	33	35	6	5	...	159	—	26	29	44	29
2	152	230	53	134	...	78	86	130	72	130	72
3	435	411	17	300	...	435	80	183	381	346	381
4	130	158	12	9	...	57	4	32	212	239	212
5 or more	38	66	12	—	...	42	—	16	27	23	27
UNITS IN STRUCTURE											
1, mobile home or trailer, etc.	427	554	49	536	...	495	177	349	606	752	606
2 to 4	176	196	23	50	...	164	15	50	16	4	16
5 to 9	161	114	13	16	...	—	—	35	9	—	9
10 to 49	36	36	20	—	...	26	25	51	70	4	70
50 or more	—	—	—	—	...	—	—	—	20	22	20
BATHROOMS											
No bathroom or only a half bath	5	—	5	31	...	85	—	—	—	4	—
1 complete bathroom	139	177	63	553	...	328	118	294	47	90	47
1 complete bathroom plus half bath(s)	18	128	46	18	...	103	20	62	66	114	66
2 or more complete bathrooms	598	595	37	—	...	71	79	109	608	574	608
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	241	225	51	36	...	125	43	104	99	49	99
1975 to 1978	361	350	102	102	...	182	65	323	207	200	323
1970 to 1974	131	198	12	103	...	102	40	75	145	199	145
1960 to 1969	44	110	11	105	...	210	58	110	147	311	147
1959 or earlier	11	17	11	256	...	68	11	26	7	23	26
HOUSE HEATING FUEL											
Utility gas	4	28	—	19	...	—	—	—	19	55	19
Bottled, tank, or LP gas	25	29	11	20	...	6	—	12	—	30	—
Electricity	17	52	16	55	...	—	111	10	14	33	10
Fuel oil, kerosene, etc.	—	—	—	—	...	—	—	—	7	—	—
Cool or coke	—	—	—	—	...	—	—	—	—	—	—
Wood	5	—	—	—	...	—	—	—	41	6	41
Other fuel	—	—	—	—	...	—	—	—	—	11	—
No fuel used	737	791	78	508	...	681	206	463	640	657	640
VEHICLES AVAILABLE											
None	21	13	10	49	...	58	17	42	7	—	—
1	222	291	48	216	...	215	105	207	151	137	151
2	399	377	24	186	...	218	68	145	361	414	361
3 or more	146	219	23	131	...	196	27	71	202	231	202
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	32	39	12	221	...	219	43	45	66	72	66
Owner-occupied housing units	19	26	12	190	...	190	40	19	67	72	67
Lacking complete plumbing for exclusive use	—	—	—	8	...	17	—	—	—	4	—
No complete kitchen facilities	—	—	—	22	...	—	—	—	6	—	6
No vehicle available	—	—	—	53	...	33	—	10	7	—	7
No telephone	—	—	—	12	...	19	—	10	—	—	—
Lacking central heating system	32	33	12	182	...	213	37	45	66	80	66
Lacking air conditioning	27	39	12	215	...	214	43	45	66	66	66
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	155	434	29	—	...	417	87	199	526	673	526
With a mortgage	144	—	—	—	...	289	56	129	490	633	490
Less than \$100	—	—	—	—	...	—	—	—	—	—	—
\$100 to \$199	6	—	—	—	...	64	3	23	—	—	—
\$200 to \$299	6	—	—	—	...	80	—	27	39	120	39
\$300 to \$399	36	116	11	—	...	48	4	14	41	100	41
\$400 to \$499	39	119	—	—	...	89	13	30	92	149	92
\$500 or more	57	150	12	—	...	16	16	35	318	254	35
Median	\$500	\$529	\$375	—	...	\$291	\$575	\$404	\$699	\$528	\$699
Not mortgaged	11	35	—	—	...	128	51	70	36	40	36
Median	\$113	\$135	—	—	...	\$91	\$72	\$130	\$182	\$121	\$182
GROSS RENT											
Specified renter-occupied housing units	205	172	38	533	...	63	186	104	247	92	47
Less than \$80	—	—	—	174	...	6	—	—	—	—	—
\$80 to \$99	—	—	—	151	...	9	—	10	—	—	—
\$100 to \$149	5	—	5	164	...	5	22	—	—	9	—
\$150 to \$199	—	9	—	25	...	13	22	—	—	—	—
\$200 to \$299	9	—	—	12	...	22	24	20	—	—	—
\$300 to \$399	42	78	8	—	...	17	43	71	—	17	—
\$400 or more	155	76	25	23	...	10	23	33	85	17	85
No cash rent	—	—	—	19	...	4	3	7	—	—	—
Median	\$500+	\$392	\$430	\$92	...	\$252	\$182	\$337	\$298	\$500+	\$331

¹Persons of Spanish origin may be of any race.

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**Places
[400 or More of the Specified
Racial or Spanish Origin
Group]**

	Kahului (CDP)		Kailua (CDP), Hawaii County		Kalaheo (CDP)		Kapaa (CDP)		
	Race		Race		Race		Race		
	White	Asian and Pacific Islander	White	Asian and Pacific Islander	White	Asian and Pacific Islander	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	371	444	885	599	167	486	319	484	910
Complete kitchen facilities	357	444	859	599	167	479	306	486	886
No telephone	9	—	127	44	8	39	17	43	104
YEAR STRUCTURE BUILT									
1979 to March 1980	11	—	87	54	12	25	6	70	56
1975 to 1978	13	10	102	182	26	114	28	65	91
1970 to 1974	104	53	431	274	65	73	98	30	144
1960 to 1969	134	200	107	60	21	92	57	67	67
1940 to 1959	164	166	116	16	19	86	82	152	314
1939 or earlier	16	15	7	13	6	96	48	100	213
HEATING EQUIPMENT									
Steam or hot water system	—	19	—	—	—	—	—	6	5
Central warm-air furnace	—	—	—	—	—	13	—	—	—
Electric heat pump	—	—	—	—	—	—	—	12	4
Other built-in electric units	—	—	—	—	—	—	—	—	—
Other means or none	371	425	885	599	167	473	319	466	901
BEDROOMS									
None	10	5	25	18	—	7	12	21	58
1	37	50	284	118	29	58	11	47	67
2	103	146	273	186	34	141	104	129	232
3	132	171	248	239	83	249	164	230	457
4	47	48	38	38	21	17	28	21	57
5 or more	42	24	17	—	14	—	—	13	39
UNITS IN STRUCTURE									
1, mobile home or trailer, etc.	281	332	395	292	110	376	259	341	683
2 to 4	65	57	100	46	14	30	27	42	71
5 to 9	12	8	55	22	30	8	9	61	30
10 to 49	13	47	236	95	5	—	—	65	7
50 or more	—	—	99	76	16	44	26	27	38
BATHROOMS									
No bathroom or only a half bath ..	—	—	7	—	—	15	13	37	56
1 complete bathroom	120	152	472	354	89	215	129	286	471
1 complete bathroom plus half bath(s)	51	54	121	142	37	103	88	108	211
2 or more complete bathrooms ..	230	238	285	103	41	153	89	103	172
YEAR HOUSEHOLDER MOVED INTO UNIT									
1979 to March 1980	79	26	467	231	57	104	37	214	178
1975 to 1978	74	70	286	182	57	129	63	114	176
1970 to 1974	165	163	113	147	30	78	85	53	178
1960 to 1969	74	118	19	39	16	105	68	49	153
1959 or earlier	39	67	—	—	7	70	66	54	225
HOUSE HEATING FUEL									
Utility gas	—	12	—	—	—	—	—	—	5
Battled, tank, or LP gas	—	7	6	7	—	—	—	6	—
Electricity	—	—	6	7	7	21	—	12	14
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—
Wood	24	16	24	—	—	53	5	13	—
Other fuel	—	—	—	—	—	3	—	—	—
No fuel used	347	409	849	585	160	409	314	453	891
VEHICLES AVAILABLE									
None	6	12	123	47	10	19	17	44	62
1	109	124	377	249	74	173	62	151	224
2	168	217	300	198	52	126	90	204	325
3 or more	88	91	85	105	31	168	150	85	299
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	36	74	137	44	6	88	64	70	315
Owner-occupied housing units	33	70	64	26	—	58	51	50	229
Lacking complete plumbing for exclusive use	—	—	—	—	—	8	13	—	18
No complete kitchen facilities ..	—	—	—	—	—	—	13	—	24
No vehicle available	—	—	40	10	—	15	9	23	45
No telephone	—	—	13	7	—	6	5	11	6
Lacking central heating system ..	36	74	137	44	6	88	64	64	315
Lacking air conditioning	33	74	102	44	6	88	64	61	294
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	156	246	294	274	85	218	206	...	394
With a mortgage	98	109	219	269	85	143	115	...	138
Less than \$100	—	—	—	—	—	—	—	...	7
\$100 to \$199	—	—	—	4	4	—	—	...	19
\$200 to \$299	18	13	62	35	10	36	32	...	14
\$300 to \$399	24	21	51	44	6	28	6	...	54
\$400 to \$599	15	22	46	96	20	32	49	...	23
\$600 or more	46	42	46	49	24	47	24	...	21
Median	\$525	\$447	\$393	\$417	\$347	\$452	\$468	...	\$343
Not mortgaged	58	137	75	5	—	75	91	...	256
Median	\$112	\$105	\$114	\$275	—	\$100	\$127	...	\$105
GROSS RENT									
Specified renter-occupied housing units	174	170	532	318	82	228	...	282	362
Less than \$80	—	—	6	5	—	8	...	11	43
\$80 to \$99	—	—	6	7	6	—	...	—	13
\$100 to \$149	—	3	28	6	—	18	...	13	17
\$150 to \$199	—	8	6	20	—	18	...	16	27
\$200 to \$299	46	36	38	34	57	57	...	54	61
\$300 to \$399	64	47	139	161	38	38	...	74	70
\$400 or more	77	42	268	68	27	58	...	95	70
No cash rent	7	9	21	18	31	...	...	12	37
Median	\$388	\$343	\$408	\$329	\$344	\$297	...	\$331	\$260

¹Persons of Spanish origin may be of any race.

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[400 or More of the Specified
Racial or Spanish Origin
Group]**

	Kekaha (CDP)		Kihuli (CDP)			Lahaina (CDP)		Lāie (CDP)		Līhu'e (CDP)	
	Race		Race			Race		Race		Race	
	White	Asian and Pacific Islander	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	White	Asian and Pacific Islander	White	Asian and Pacific Islander
Occupied housing units	200	493	1 278	585	139	845	1 089	260	550	372	993
Complete kitchen facilities	200	493	1 266	572	139	840	1 088	260	540	338	964
No telephone	7	19	71	27	5	122	52	33	138	63	47
YEAR STRUCTURE BUILT	—	—	—	—	—	—	—	—	—	—	—
1979 to March 1980	—	54	170	78	5	74	—	26	43	5	19
1975 to 1978	59	74	441	257	50	40	89	43	142	47	169
1970 to 1974	34	92	429	165	60	297	322	87	215	94	141
1960 to 1969	17	49	34	34	76	176	272	77	34	81	193
1950 to 1959	64	212	123	5	5	179	162	7	123	125	290
1939 or earlier	26	212	22	31	12	99	244	20	20	60	181
HEATING EQUIPMENT	—	—	—	—	—	—	—	—	—	—	—
Steam or hot water system	—	5	—	7	—	—	19	—	15	—	15
Central warm-air furnace	—	—	—	—	—	—	—	—	—	—	—
Electric heat pump	—	—	—	—	—	—	—	—	8	—	5
Other built-in electric units	—	—	—	—	—	—	6	—	5	—	—
Other means or none	200	688	1 257	578	132	859	1 064	260	522	372	973
BEDROOMS	—	—	—	—	—	—	—	—	—	—	—
None	—	4	31	21	—	112	37	24	143	51	29
1	33	133	558	106	50	187	138	45	97	13	114
2	50	196	434	156	17	188	203	112	86	98	187
3	67	369	384	264	48	263	537	55	127	114	584
4	60	41	71	24	24	88	116	15	84	39	79
5 or more	14	—	—	14	—	17	58	9	13	13	—
UNITS IN STRUCTURE	—	—	—	—	—	—	—	—	—	—	—
1, mobile home or trailer, etc.	186	629	534	332	78	479	829	129	262	275	778
2 to 4	8	56	30	30	42	64	63	64	78	13	53
5 to 9	—	—	67	28	—	66	23	6	—	18	48
10 to 49	6	8	174	32	19	233	164	61	194	36	60
50 or more	—	—	459	163	42	45	10	—	—	30	54
BATHROOMS	—	—	—	—	—	—	—	—	—	—	—
No bathroom or only a half bath ..	—	7	18	12	—	30	35	—	20	6	19
1 complete bathroom	78	404	600	264	68	438	419	140	342	166	393
2 complete bathroom and half bath ..	54	221	54	97	54	109	294	25	59	61	271
2 or more complete bathrooms	48	61	469	212	37	238	341	95	129	133	311
YEAR HOUSEHOLDER MOVED INTO UNIT	—	—	—	—	—	—	—	—	—	—	—
1979 to March 1980	41	151	565	184	54	289	68	135	196	153	138
1975 to 1978	80	176	80	267	80	267	296	542	66	290	290
1970 to 1974	29	96	67	76	19	190	340	39	114	54	121
1960 to 1969	23	91	33	23	7	53	224	10	43	9	193
1959 or earlier	27	179	47	32	—	66	249	10	25	46	251
HOUSE HEATING FUEL	—	—	—	—	—	—	—	—	—	—	—
Utility gas	—	—	—	—	—	—	—	—	—	—	—
Bottled, tank, or LP gas	—	5	6	12	7	—	19	—	23	—	15
Electricity	—	—	26	5	6	6	11	—	5	—	5
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—
Cool or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—
Other fuel	—	—	—	—	—	—	—	—	—	—	—
No fuel used	200	688	1 246	573	126	859	1 059	260	512	354	967
VEHICLES AVAILABLE	—	—	—	—	—	—	—	—	—	—	—
None	6	57	32	30	6	144	91	17	80	42	88
1	34	154	605	100	48	396	274	187	335	117	237
2	77	234	401	224	47	215	400	42	78	156	423
3 or more	83	248	240	231	38	110	324	14	57	57	245
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER	—	—	—	—	—	—	—	—	—	—	—
Occupied housing units	23	199	196	51	5	106	306	14	35	63	252
Owner-occupied housing units	14	73	150	40	43	62	214	—	35	38	181
Locking complete plumbing for exclusive use ..	—	—	—	12	—	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	12	—	—	—	—	—	—	—
No vehicle available	—	57	—	30	—	28	36	7	30	5	60
No telephone	—	11	—	—	—	—	4	—	17	—	10
Locking central heating system	23	199	179	51	5	106	300	14	35	63	252
Locking air conditioning	23	188	129	47	—	70	278	14	29	49	240
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS	—	—	—	—	—	—	—	—	—	—	—
Specified owner-occupied housing units	92	269	307	244	43	208	662	...	167	160	606
With a mortgage	69	211	196	203	43	142	359	...	120	101	369
Less than \$100	—	—	—	—	—	—	—	...	—	—	—
\$100 to \$199	—	26	7	7	—	—	55	...	15	14	11
\$200 to \$299	—	71	26	10	—	27	53	...	31	31	46
\$300 to \$399	42	67	28	54	14	25	74	...	48	—	93
\$400 to \$599	17	32	62	86	17	22	105	...	—	64	118
\$600 or more	10	15	73	46	12	68	72	...	26	—	110
Median	\$379	\$313	\$542	\$512	\$504	\$525	\$396	...	\$317	\$480	\$439
Not mortgaged	23	58	111	41	—	66	303	...	47	59	237
Median	\$93	\$86	\$120	\$128	—	\$120	\$111	...	\$165	\$166	\$87
GROSS RENT	—	—	—	—	—	—	—	—	—	—	—
Specified renter-occupied housing units .....	...	403	668	242	83	579	...	...	363	206	308
Less than \$80 .....	...	56	—	—	—	29	...	...	—	22	—
\$80 to \$99 .....	...	100	—	—	—	...	...	...	—	—	19
\$100 to \$149 .....	...	119	—	—	—	11	...	...	—	22	23
\$150 to \$199 .....	...	21	8	—	—	...	...	...	156	—	75
\$200 to \$299 .....	...	27	45	—	—	73	...	...	59	38	65
\$300 to \$399 .....	...	24	67	34	6	49	...	...	41	27	41
\$400 or more .....	...	28	497	155	52	339	...	...	98	74	63
No rent .....	...	28	51	25	30	18	...	...	30	9	22
Median .....	...	\$105	\$500 +	\$480	\$500 +	\$469	...	...	\$212	\$368	\$223

¹Persons of Spanish origin may be of any race

Table 29. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [400 or More of the Specified Racial or Spanish Origin Group]	Maui (CDP)			Makaha (CDP)			Makaloa City (CDP)			Makawao (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	484	751	200	894	920	297	1 324	748	173	531	337	337
Complete kitchen facilities	465	743	183	877	914	297	1 311	741	173	531	337	337
No telephone	26	83	17	155	106	50	25	—	—	31	16	—
YEAR STRUCTURE BUILT												
1979 to March 1980	6	—	—	41	65	15	158	49	26	17	12	—
1975 to 1978	29	75	19	34	42	42	385	189	34	166	109	109
1970 to 1974	40	111	26	412	179	56	297	231	25	117	70	70
1960 to 1969	142	214	57	191	236	62	478	279	78	48	64	64
1940 to 1959	210	276	83	179	400	110	—	—	—	93	64	64
1939 or earlier	57	75	15	37	—	12	6	—	—	90	31	31
HEATING EQUIPMENT												
Steam or hot water system	—	23	10	7	26	—	6	5	—	—	—	—
Central warm-air furnace	—	—	—	23	—	—	—	—	—	—	—	—
Electric heat pump	—	6	—	6	—	—	18	10	—	—	10	—
Other built-in electric units	—	13	—	8	27	10	—	—	—	—	—	—
Other means or none	484	709	190	850	861	287	1 300	733	173	531	327	327
BEDROOMS												
None	—	—	—	66	39	8	—	—	—	—	7	7
1	34	40	17	330	110	40	15	17	—	51	42	42
2	154	238	38	237	351	98	31	33	4	140	72	72
3	229	354	78	250	317	125	882	536	143	279	174	174
4	56	119	56	6	100	26	396	153	26	61	33	33
5 or more	11	—	11	5	3	—	—	9	—	—	9	9
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	390	593	171	268	401	123	1 217	658	156	480	305	305
2 to 4	25	86	6	132	222	84	17	29	—	28	9	9
5 to 9	19	19	11	47	115	25	58	61	17	—	7	7
10 to 49	34	36	12	36	46	12	4	—	—	23	16	16
50 or more	16	—	—	411	136	53	28	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath ..	—	—	—	7	—	—	—	12	4	—	—	—
1 complete bathroom	275	432	89	750	666	237	88	39	24	294	159	159
1 complete bathroom plus half bath ..	75	155	38	75	96	66	333	80	69	87	87	87
2 or more complete bathrooms	134	164	73	62	147	32	389	364	65	168	91	91
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	115	201	77	536	359	121	504	156	48	67	51	51
1975 to 1978	121	230	36	178	259	103	501	248	48	266	142	142
1970 to 1974	147	174	55	147	102	57	145	102	34	89	51	51
1960 to 1969	80	117	13	48	107	30	172	199	43	83	38	38
1959 or earlier	61	56	19	30	95	16	—	—	—	26	55	55
HOUSE HEATING FUEL												
Utility gas	—	4	—	4	7	—	6	—	—	—	—	—
Bottled, tank, or LP gas	—	19	6	17	19	—	—	5	—	—	—	—
Electricity	—	19	—	27	33	10	18	10	—	42	13	13
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	9	—	—
Cool or coke	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	18	8	8
Other fuel	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used	484	709	190	850	855	287	1 300	733	173	462	316	316
VEHICLES AVAILABLE												
None	29	81	12	105	139	86	—	—	—	7	12	12
1	168	207	61	518	349	144	366	165	20	170	70	70
2	214	275	81	227	252	23	572	303	67	223	173	173
3 or more	73	168	46	44	180	44	386	278	66	131	82	82
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	98	63	8	105	118	66	14	21	—	57	39	39
Owner-occupied housing units	58	52	8	58	59	18	14	17	—	48	32	32
Lacking complete plumbing (for exclusive use) ..	—	—	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	17	—	—	—	—	—	—	—	—
No vehicle available	16	—	—	15	—	—	—	—	—	—	5	5
No telephone	—	19	—	—	16	—	—	—	—	—	—	—
Lacking central heating system	98	58	8	95	108	61	14	17	—	57	39	39
Lacking air conditioning	70	56	—	72	108	61	14	17	—	57	39	39
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units ..	235	342	85	163	235	60	738	524	130	324	...	...
With a mortgage	165	279	59	122	214	46	723	515	130	267	...	...
Less than \$100 .....	—	—	—	—	—	—	—	—	—	—	...	...
\$100 to \$199	30	19	—	9	17	—	—	12	—	38	...	...
\$200 to \$299	18	25	8	17	—	—	61	40	16	23	...	...
\$300 to \$399	57	8	—	57	20	17	99	57	16	37	...	...
\$400 to \$599	64	134	37	51	112	16	157	134	25	74	...	...
\$600 or more	28	44	24	25	28	8	406	272	73	95	...	...
Median	\$424	\$438	\$515	\$444	\$435	\$403	\$638	\$614	\$613	\$495	...	...
Not mortgaged	70	63	26	41	21	14	15	9	—	57	...	...
Median	\$71	\$138	\$111	\$101	\$72	\$100	\$104	\$77	—	\$99	...	...
GROSS RENT												
Specified renter-occupied housing units ..	227	344	103	607	582	207	211	50	...	170	81	81
Less than \$80	—	—	—	23	4	—	—	—	—	—	—	—
\$80 to \$99	—	—	—	9	—	—	—	—	—	—	—	—
\$100 to \$149	18	23	16	37	12	—	—	—	—	—	—	—
\$150 to \$199	7	48	—	—	37	9	—	—	—	19	—	—
\$200 to \$299	69	111	25	140	165	57	113	19	5	10	18	18
\$300 to \$399	74	213	29	238	244	94	—	—	—	32	32	32
\$400 or more	50	42	33	151	69	47	192	41	—	83	58	58
No cash rent	—	7	—	7	9	—	—	4	—	26	5	5
Median	\$313	\$288	\$351	\$333	\$316	\$326	\$500+	\$500+	...	\$426	\$436	\$436

¹Persons of Spanish origin may be of any race.

Table 92. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [400 or More of the Specified Racial or Spanish Origin Group]	Maunawili (CDP)		Nanakuli (CDP)		Pukalani (CDP)		Waikeolu (CDP)			
	Race		Race		Race		Race			
	White	Asian and Pacific Islander	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹		
Occupied housing units	786	610	451	1 283	244	476	670	238	822	89
Complete kitchen facilities	779	610	451	1 269	244	476	670	216	790	89
No telephone	—	—	45	119	10	24	7	—	14	—
YEAR STRUCTURE BUILT										
1979 to March 1980	5	—	—	33	—	95	77	5	—	—
1975 to 1978	20	34	67	321	52	103	213	6	109	9
1970 to 1974	94	99	232	329	64	158	89	20	93	12
1960 to 1969	497	333	60	332	51	58	204	69	160	30
1940 to 1939	157	125	79	252	72	57	55	45	232	40
1939 or earlier	13	19	13	26	5	5	32	93	228	40
HEATING EQUIPMENT										
Steam or hot water system	23	31	8	34	15	—	—	3	6	—
Central warm-air furnace	—	—	—	—	—	8	—	—	—	—
Electric heat pump	—	7	—	—	—	—	—	—	—	—
Other built-in electric units	—	10	7	4	—	4	6	—	5	5
Other means or none	763	562	436	1 245	229	464	664	235	806	84
BEDROOMS										
None	—	—	6	9	5	—	—	—	19	—
1	15	13	42	25	8	47	27	10	86	6
2	38	52	140	296	96	94	72	99	164	—
3	467	320	168	626	85	292	500	119	507	83
4	206	184	95	286	50	31	60	19	78	—
5 or more	60	41	—	41	—	12	11	—	33	—
UNITS IN STRUCTURE										
1, mobile home or trailer, etc.	758	583	199	983	115	376	593	164	680	65
2 to 4	20	14	42	59	21	85	50	49	74	11
5 to 9	8	5	115	127	74	15	24	—	—	—
10 to 49	—	8	69	118	34	—	3	—	—	—
50 or more	—	—	14	8	—	—	—	25	68	13
BATHROOMS										
No bathroom or only a half bath ..	—	8	3	11	7	—	5	—	7	11
1 complete bathroom	50	25	198	519	130	126	147	177	518	46
1 complete bathroom plus half bath(s) ..	165	115	167	313	71	109	249	16	140	18
2 or more complete bathrooms	571	462	83	440	36	241	269	45	157	14
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	199	62	170	194	87	159	110	80	53	—
1975 to 1978	221	114	166	581	106	137	235	86	223	6
1970 to 1974	175	137	67	245	25	108	89	29	164	22
1960 to 1969	177	231	25	207	26	38	181	20	193	13
1959 or earlier	14	66	23	56	—	34	55	23	189	11
HOUSE HEATING FUEL										
Utility gas	18	18	—	26	7	—	—	—	—	—
Bottled, tank, or LP gas	22	8	8	—	—	—	7	3	6	5
Electricity	21	23	7	12	—	33	75	—	10	5
Fuel oil, kerosene, etc.	—	—	—	—	—	20	7	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	46	—	—	—	—	45	36	5	—	—
Other fuel	—	13	—	—	—	—	—	—	—	—
No fuel used	679	556	436	1 237	229	378	545	230	806	84
VEHICLES AVAILABLE										
None	7	3	65	113	54	—	18	28	71	—
1	222	119	153	416	53	108	115	79	279	34
2	363	214	165	367	57	193	273	91	302	32
3 or more	194	174	68	387	80	175	264	40	170	23
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	103	48	24	150	31	50	126	27	297	25
Owner-occupied housing units	93	48	20	130	11	33	107	27	203	25
Lacking complete plumbing for exclusive use ..	—	—	—	—	—	—	5	—	14	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—
No vehicle available	7	—	4	38	7	—	7	—	—	—
No telephone	97	42	24	150	31	38	126	27	286	25
Lacking central heating system	—	—	—	—	—	—	—	—	—	—
Lacking air conditioning	103	35	21	146	27	50	126	21	282	25
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units ..	606	...	130	774	43	285	495	50	441	33
With a mortgage	592	...	106	650	27	210	416	23	201	16
Less than \$100	—	...	—	13	—	—	—	—	—	—
\$100 to \$199	18	...	—	65	—	12	57	—	79	—
\$200 to \$299	141	...	38	313	15	28	81	4	45	4
\$300 to \$399	25	...	19	187	12	56	56	5	42	7
\$400 to \$599	113	...	55	—	—	28	97	11	51	5
\$600 or more	295	...	17	17	—	86	125	9	24	—
Median	\$598	...	\$347	\$283	\$285	\$552	\$421	\$325	\$235	\$379
Net mortgaged	14	...	24	124	16	75	79	27	240	17
Median	\$100	...	\$67	\$91	\$110	\$115	\$111	\$101	\$88	\$113
GROSS RENT										
Specified renter-occupied housing units ..	130	...	154	372	155	168	132	177	293	43
Less than \$80	—	...	—	—	—	—	—	15	48	6
\$80 to \$99	—	...	—	13	8	—	—	—	53	6
\$100 to \$149	—	...	10	12	12	—	—	16	61	17
\$150 to \$199	4	...	11	—	—	—	11	—	20	—
\$200 to \$299	—	...	48	108	48	—	—	32	41	—
\$300 to \$399	5	...	35	103	45	66	44	49	49	9
\$400 or more	112	...	44	91	33	86	58	51	16	5
No cash rent	9	...	6	9	—	19	16	19	16	—
Median	\$500+	...	\$357	\$317	\$304	\$431	\$404	\$339	\$121	\$133

¹Persons of Spanish origin may be of any race

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**Places
[400 or More of the Specified
Racial or Spanish Origin
Group]**

	Waianae (CDP)			Waimanalo (CDP)			Waimanalo Beach (CDP)			Waipua Acres (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	496	1 311	227	189	577	135	280	665	611	531	118	118
Complete kitchen facilities	485	1 285	227	189	565	135	277	634	611	531	118	118
No telephone	30	177	57	—	43	—	...	35	15	13	13	13
YEAR STRUCTURE BUILT	—	30	6	9	77	—	...	—	—	—	—	—
1979 to March 1980	109	259	35	25	78	16	...	36	81	43	29	29
1975 to 1978	154	414	67	67	210	56	...	224	376	119	29	29
1970 to 1974	113	272	53	41	109	25	...	180	80	176	31	31
1960 to 1969	112	293	57	42	83	22	...	185	74	193	29	29
1940 to 1959	8	43	9	5	20	16	...	40	—	—	—	—
1939 or earlier	—	—	—	—	—	—	...	—	—	—	—	—
HEATING EQUIPMENT	22	92	17	14	99	11	...	76	34	50	6	6
Steam or hot water system	—	9	—	—	6	—	...	6	—	—	—	—
Central warm-air furnace	15	83	6	8	19	16	...	44	—	15	—	—
Electric heat pump	—	—	7	4	6	—	...	19	8	8	8	8
Other built-in electric units	459	1 093	197	163	453	108	...	520	569	458	104	104
Other means or none	—	—	—	—	—	—	...	—	—	—	—	—
BEDROOMS	32	46	9	—	23	10	...	—	10	—	—	—
None	36	147	43	33	110	33	...	75	131	44	12	12
1	78	184	32	34	102	58	...	100	337	164	58	58
2	249	659	125	84	252	36	...	273	109	283	48	48
3	77	205	18	24	90	17	...	165	4	29	—	—
4 or more	24	30	—	14	—	—	...	52	—	11	—	—
UNITS IN STRUCTURE	343	759	113	125	407	112	...	575	80	327	41	41
1, mobile home or trailer, etc.	2	34	24	2	34	141	...	75	14	10	—	—
2 to 4	20	184	21	31	32	5	...	—	—	—	—	—
5 to 9	47	203	56	31	102	15	...	76	293	123	43	43
10 to 49	15	24	3	—	12	—	...	—	228	72	34	34
50 or more	—	—	—	—	—	—	...	—	—	—	—	—
BATHROOMS	21	3	—	20	5	...	...	6	7	7	7	7
No bathroom or only a half bath ..	263	703	150	116	284	91	...	227	472	303	84	84
1 complete bathroom	186	34	47	88	31	213	...	143	79	13	—	—
2 complete bathroom plus half bath(s) ..	145	376	40	26	100	8	...	289	119	149	27	27
2 or more complete bathrooms	—	—	—	—	—	—	...	—	—	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT	123	248	76	23	136	22	...	11	290	130	40	40
1979 to March 1980	217	90	80	187	70	88	...	517	227	113	42	42
1975 to 1978	95	268	52	52	128	26	...	265	56	48	—	—
1970 to 1974	35	184	6	13	106	13	...	178	32	135	13	13
1960 to 1969	26	94	3	11	20	4	...	123	6	105	—	—
1959 or earlier	—	—	—	—	—	—	...	—	—	—	—	—
HOUSE HEATING FUEL	27	—	9	44	3	...	...	25	14	28	6	6
Utility gas	22	65	17	5	31	—	...	45	10	4	—	—
Bottled, tank, or LP gas	15	126	13	12	30	16	...	72	13	56	16	16
Electricity	—	—	—	—	—	—	...	—	—	—	—	—
Fuel oil, kerosene, etc.	—	—	—	—	—	—	...	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	...	—	—	—	—	—
Wood	—	—	—	—	—	—	...	—	—	—	—	—
Other fuel	459	1 093	197	163	448	108	...	517	560	418	96	96
No fuel used	—	—	—	—	—	—	...	—	—	—	—	—
VEHICLES AVAILABLE	82	189	47	2	67	14	...	43	23	32	13	13
None	148	373	63	50	155	40	...	185	383	176	81	81
1	159	499	78	77	240	46	...	172	187	167	11	11
2 or more	107	250	39	60	115	35	...	265	18	156	13	13
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER	59	136	14	13	144	28	...	117	23	59	8	8
Occupied housing units	59	136	14	13	144	28	...	117	23	59	8	8
Owner-occupied housing units	43	76	10	10	80	12	...	102	14	48	—	—
Lacking complete plumbing for exclusive use ..	—	—	—	—	5	—	...	—	—	—	—	—
No complete kitchen facilities	38	67	14	4	4	—	...	9	—	—	—	—
No vehicle available	15	25	10	—	14	—	...	13	—	—	—	—
No telephone	59	120	4	9	127	20	...	82	23	32	—	—
Lacking central heating system	44	129	14	9	144	24	...	112	23	50	8	8
Lacking air conditioning	—	—	—	—	—	—	...	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS	209	524	56	87	271	41	...	489	78	260	22	22
With a mortgage	184	450	56	82	252	41	...	96	67	201	—	—
Less than \$100	16	55	—	4	6	—	...	40	—	8	7	7
\$100 to \$199	\$200 to \$299	15	9	9	11	163	...	143	—	—	—	—
\$300 to \$399	8	17	17	43	98	32	...	12	38	—	—	—
\$400 to \$599	63	130	24	19	78	—	...	16	16	47	—	—
\$600 or more	553	\$320	388	\$345	\$372	\$363	...	\$725	\$261	\$477	\$348	\$475
Median	25	74	—	5	19	—	...	11	227	11	59	59
Not mortgaged	\$133	\$115	—	\$63	\$91	—	...	\$113	\$138	\$105	\$123	\$123
GROSS RENT	198	490	127	67	199	51	...	148	323	136	81	81
Specified renter-occupied housing units ..	198	490	127	67	199	51	...	148	323	136	81	81
Less than \$40	—	7	—	—	9	4	...	—	—	6	—	—
\$40 to \$99	—	—	—	—	—	—	...	—	—	—	—	—
\$100 to \$149	—	17	—	8	49	14	...	—	—	—	—	—
\$150 to \$199	15	33	10	41	31	13	...	26	—	—	—	—
\$200 to \$299	320	\$299	181	15	—	—	...	181	52	13	—	—
\$300 to \$399	43	140	65	18	20	6	...	37	191	45	50	50
\$400 or more	54	76	17	22	9	64	...	74	75	66	25	25
No cash rent	7	—	—	—	—	—	...	—	—	—	—	—
Median	\$303	\$291	\$318	\$173	\$181	\$152	...	\$368	\$366	\$402	\$383	\$383

¹Persons of Spanish origin may be of any race.

Table 93. Structural Characteristics for Counties: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

Counties	Hawaii	Honolulu	Kauai	Mauai
YEAR STRUCTURE BUILD				
Year-round housing units	33 969	250 864	121	14 528
1979 to March 1980	2 913	8 349	1 349	3 264
1975 to 1978	5 592	29 399	—	2 656
1970 to 1974	7 541	50 527	—	2 181
1960 to 1969	5 192	74 750	10	1 183
1950 to 1959	3 183	45 246	13	1 879
1940 to 1949	2 475	21 312	4	1 725
1939 or earlier	6 073	166 688	94	2 555
Owner-occupied housing units	17 731	114 793	—	6 429
1979 to March 1980	1 414	3 796	—	485
1975 to 1978	3 280	12 721	—	1 177
1970 to 1974	3 690	25 163	—	1 354
1960 to 1969	2 939	35 548	—	1 117
1950 to 1959	1 901	21 270	—	1 046
1940 to 1949	1 254	8 108	—	585
1939 or earlier	3 053	8 167	—	665
Renter-occupied housing units	11 506	115 421	71	5 591
1979 to March 1980	413	1 885	—	191
1975 to 1978	3 306	12 780	—	545
1970 to 1974	2 387	20 689	—	583
1960 to 1969	1 730	33 968	8	854
1950 to 1959	1 069	21 791	11	745
1940 to 1949	1 162	12 235	1	1 037
1939 or earlier	3 239	12 073	52	1 636
BEDROOMS				
Year-round housing units	33 969	250 864	121	14 528
None	1 703	17 908	—	665
1	4 415	49 338	68	1 947
2	8 209	68 452	50	3 998
3	15 734	79 428	—	6 472
4	3 006	28 212	—	1 186
5 or more	802	7 326	3	260
Owner-occupied housing units	17 731	114 793	—	6 429
None	264	1 803	—	63
1	781	10 652	—	958
2	2 871	23 786	—	1 061
3	10 987	52 281	—	4 086
4	2 207	20 219	—	798
5 or more	621	6 052	—	162
Renter-occupied housing units	11 506	115 421	71	5 591
None	982	11 911	—	412
1	2 343	31 844	30	891
2	3 664	38 784	40	1 932
3	3 705	24 160	—	1 989
4	655	7 580	—	295
5 or more	157	1 142	1	72
STORIES IN STRUCTURE				
Year-round housing units	33 969	250 864	121	14 528
1 to 3	32 924	195 931	121	14 332
4 to 6	632	9 956	—	192
7 to 12	332	10 732	—	4
13 or more	61	34 245	—	—
PASSENGER ELEVATOR				
Year-round housing units	33 969	250 864	121	14 528
Structures with 4 or more stories	1 045	54 933	—	196
With elevator	689	50 306	—	156
UNITS IN STRUCTURE				
Year-round housing units	33 969	250 864	121	14 528
1, detached	25 213	105 995	115	10 296
2	514	12 271	2	352
3	1 514	12 418	—	784
3 and 4	566	15 701	—	333
5 to 9	914	20 200	2	639
10 to 49	3 104	35 210	—	1 239
50 or more	2 284	48 801	—	866
Mobile home or trailer, etc.	88	268	—	19
Owner-occupied housing units	17 731	114 793	—	6 429
1, detached	16 717	78 738	—	5 722
1, attached	158	4 613	—	109
2	257	3 817	—	230
3	124	3 184	—	80
3 and 4	433	24 289	—	269
5 or more	42	152	—	19
Mobile home or trailer, etc.	—	—	—	—
Renter-occupied housing units	11 506	115 421	71	5 591
1, detached	6 492	24 282	67	3 818
1, attached	217	7 106	—	227
2	1 058	8 130	—	479
3	370	11 764	2	167
3 and 4	584	14 993	—	183
5 to 9	1 935	25 924	—	1 549
10 to 49	823	23 124	—	291
50 or more	27	98	—	—
Mobile home or trailer, etc.	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units	11 113	113 374	71	5 425
1, mobile home or trailer, etc.	6 343	29 439	69	3 879
Median gross rent	\$287	\$363	—	\$237
2 or more	4 770	83 935	2	1 546
Median gross rent	\$244	\$302	—	\$242

Table 94. Equipment and Plumbing Facilities for Counties: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

Counties	Hawaii	Honolulu	Kalawao	Kauai	Mau
Year-round housing units	33 969	250 864	121	14 528	32 723
Complete kitchen facilities.....	32 081	244 932	96	13 912	31 754
BATHROOMS					
No bathroom or only a half bath.....	2 774	4 736	11	640	1 318
1 complete bathroom.....	13 615	123 193	105	7 192	16 988
1 complete bathroom plus half bath(s).....	5 870	36 101	—	2 534	4 823
2 or more complete bathrooms.....	11 710	86 844	5	4 162	9 594
SOURCE OF WATER					
Public system or private company.....	30 476	250 023	118	14 299	32 281
Individual drilled well.....	29	279	—	40	95
Individual dug well.....	7	—	—	19	34
Some other source.....	3 457	33	3	170	313
SEWAGE DISPOSAL					
Public sewer.....	10 349	232 523	2	4 360	23 467
Septic tank or cesspool.....	22 360	16 708	116	9 784	8 608
Other means.....	1 260	1 633	3	384	648
AIR CONDITIONING					
None.....	32 237	198 012	118	13 950	27 617
Central system.....	663	16 204	—	77	2 396
1 or more individual room units.....	1 069	36 648	3	501	2 710
HEATING EQUIPMENT					
Year-round housing units	33 969	250 864	121	14 528	32 723
Steam or hot water system.....	95	14 674	—	125	399
Central warm-air furnace.....	25	283	—	13	51
Electric heat pump.....	218	2 928	—	70	220
Other built-in electric units.....	733	5 383	—	24	249
Floor, wall, or pipeless furnace.....	—	144	—	—	27
Room heaters with flue.....	129	319	—	30	61
Room heaters without flue.....	11	167	—	10	11
Fireplaces, stoves, or portable room heaters.....	1 805	3 413	—	1 722	2 983
None.....	30 845	222 553	121	13 775	29 983
Owner-occupied housing units	17 731	114 793	—	6 429	12 963
Steam or hot water system.....	59	7 276	—	81	207
Central warm-air furnace.....	19	256	—	13	45
Electric heat pump.....	127	1 060	—	47	155
Other built-in electric units.....	559	1 612	—	14	169
Floor, wall, or pipeless furnace.....	—	71	—	—	14
Room heaters with flue.....	67	84	—	11	55
Room heaters without flue.....	98	38	—	—	11
Fireplaces, stoves, or portable room heaters.....	1 158	2 146	—	2 225	1 018
None.....	15 644	102 250	—	6 038	11 289
Renter-occupied housing units	11 506	115 421	71	5 591	9 547
Steam or hot water system.....	36	7 097	—	44	150
Central warm-air furnace.....	6	813	—	6	6
Electric heat pump.....	76	1 752	—	23	36
Other built-in electric units.....	156	3 572	—	10	80
Floor, wall, or pipeless furnace.....	—	62	—	—	13
Room heaters with flue.....	49	227	—	19	50
Room heaters without flue.....	120	16	—	—	—
Fireplaces, stoves, or portable room heaters.....	418	1 209	—	103	103
None.....	10 749	100 569	71	5 382	8 748
Occupied housing units	29 237	230 214	71	12 020	22 510
No telephone.....	2 450	9 274	9	964	1 798
VEHICLES AVAILABLE					
Total.....					
None.....	2 463	25 628	8	788	1 622
1.....	9 193	95 735	18	3 209	7 202
2.....	10 775	71 456	25	4 440	8 003
3 or more.....	6 806	37 395	20	3 583	5 683
Automobiles					
None.....	3 460	27 625	14	1 086	2 224
1.....	13 994	105 944	41	4 860	9 925
2.....	8 700	71 137	15	4 274	7 274
3 or more.....	3 083	25 508	1	1 800	3 087
Trucks or vans					
None.....	18 112	198 141	29	7 323	14 857
1.....	9 657	29 748	28	4 256	6 666
2.....	1 206	2 038	13	334	627
3 or more.....	262	287	1	107	160
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units	17 731	114 793	—	6 429	12 963
1979 to March 1980.....	2 367	14 917	—	725	1 283
1975 to 1978.....	4 468	27 906	—	1 561	3 445
1970 to 1974.....	3 758	22 412	—	1 382	2 462
1960 to 1969.....	3 053	26 370	—	1 166	2 743
1950 to 1959.....	2 141	14 487	—	961	1 707
1949 or earlier.....	1 944	6 701	—	634	1 229
Renter-occupied housing units	11 506	115 421	71	5 591	9 547
1979 to March 1980.....	5 312	48 256	6	1 847	4 128
1975 to 1978.....	3 248	42 128	6	1 650	3 057
1970 to 1974.....	1 264	12 968	15	539	1 164
1960 to 1969.....	906	8 254	20	660	492
1959 or earlier.....	776	3 815	24	895	676
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER					
Occupied housing units	5 735	31 786	29	2 637	4 540
Owner-occupied housing units.....	4 102	20 015	—	1 680	3 205
Complete kitchen facilities.....	298	506	—	143	187
No complete kitchen facilities.....	267	686	—	85	167
No vehicle available.....	1 344	8 902	—	429	819
No telephone.....	454	1 091	—	194	383
Locking central heating system.....	5 560	28 672	29	2 609	4 325
Locking air conditioning.....	5 605	26 652	26	2 515	4 253

Table 95. Fuels and Financial Characteristics for Counties: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Counties	Hawaii	Honolulu	Kauai	Kauai	Mauai
Occupied housing units	29 237	230 214	71	12 020	22 510
HOUSE HEATING FUEL					
Utility gas	29	11 990	—	21	91
Bottled, tank, or LP gas	224	2 467	—	4 403	409
Electricity	1 230	10 883	—	172	862
Fuel oil, kerosene, etc	301	435	—	62	186
Fuel oil, kerosene, etc	—	22	—	—	—
Wood	1 060	1 167	—	201	917
Other fuel	—	231	—	3	8
No fuel used	26 393	202 619	71	11 420	20 037
WATER HEATING FUEL					
Utility gas	2 690	41 185	—	458	520
Bottled, tank, or LP gas	8 100	9 089	—	4 403	4 537
Electricity	16 521	176 742	68	5 431	16 073
Fuel oil, kerosene, etc	137	848	—	475	262
Other	1 077	1 644	—	1 107	891
No fuel used	712	706	3	146	227
COOKING FUEL					
Utility gas	2 383	33 839	—	536	442
Bottled, tank, or LP gas	9 145	6 890	—	4 804	4 068
Electricity	17 163	188 020	68	6 377	17 336
Other	251	261	3	210	461
No fuel used	295	1 204	—	93	203
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units	15 844	77 587	—	5 527	10 144
With a mortgage	8 962	59 081	—	3 283	6 118
Less than \$100	95	242	—	21	46
\$100 to \$149	271	523	—	62	188
\$150 to \$199	515	1 191	—	62	159
\$200 to \$249	798	3 826	—	269	567
\$250 to \$299	1 252	5 381	—	300	650
\$300 to \$349	1 148	4 809	—	398	639
\$350 to \$399	944	4 875	—	330	627
\$400 to \$449	802	4 301	—	317	531
\$450 to \$499	730	4 404	—	330	571
\$500 to \$599	938	7 442	—	363	600
\$600 to \$749	837	8 937	—	430	614
\$750 or more	432	12 409	—	272	726
Median	\$371	\$494	—	\$411	\$383
Not mortgaged	6 882	18 506	—	4 026	1 889
Less than \$50	446	353	—	122	189
\$50 to \$74	1 476	1 789	—	356	887
\$75 to \$99	1 922	3 815	—	542	797
\$100 to \$149	2 016	7 716	—	765	1 433
\$150 to \$199	550	3 319	—	342	376
\$200 to \$249	150	1 022	—	27	131
\$250 or more	122	492	—	90	33
Median	\$92	\$119	—	\$106	\$99
GROSS RENT					
Specified renter-occupied housing units	11 113	113 374	71	5 425	9 343
Less than \$50	83	358	—	46	139
\$50 to \$59	192	542	—	91	164
\$60 to \$79	380	1 403	—	325	167
\$80 to \$99	565	1 415	—	410	343
\$100 to \$119	505	1 698	—	492	359
\$120 to \$149	433	2 401	—	270	312
\$150 to \$169	470	2 539	—	275	317
\$170 to \$199	563	5 680	—	266	388
\$200 to \$249	1 313	15 053	—	471	548
\$250 to \$299	1 201	15 139	—	447	629
\$300 to \$349	1 185	13 052	—	346	547
\$350 to \$399	922	12 568	—	337	750
\$400 to \$499	1 145	14 756	—	513	1 453
\$500 or more	799	13 811	—	656	2 031
No cash rent	1 357	13 159	71	660	1 196
Median	\$266	\$315	—	\$298	\$361
HOUSEHOLD INCOME IN 1979					
Occupied housing units	29 237	230 214	71	12 020	22 510
Median income	\$17 034	\$21 061	\$4 663	\$18 804	\$20 171
Owner-occupied housing units	17 731	114 793	—	6 429	12 963
Median income	\$20 901	\$30 237	—	\$23 840	\$24 584
Renter-occupied housing units	11 506	115 421	71	5 591	9 347
Median income	\$11 700	\$13 966	\$4 663	\$14 850	\$14 509
INCOME IN 1979 BELOW POVERTY LEVEL					
Owner-occupied housing units	1 320	3 991	—	270	616
Percent below poverty level	7.4	3.5	—	4.2	4.8
Complete plumbing for exclusive use	1 122	3 914	—	244	594
1.01 or more persons per room	83	651	—	27	103
Lacking complete plumbing for exclusive use	198	77	—	26	22
1.01 or more persons per room	66	14	—	—	—
Renter-occupied housing units	2 816	17 942	35	874	1 842
Percent below poverty level	24.5	49.3	—	15.6	19.3
Complete plumbing for exclusive use	2 344	17 299	32	801	1 692
1.01 or more persons per room	384	4 815	—	149	327
Lacking complete plumbing for exclusive use	472	643	3	73	150
1.01 or more persons per room	110	217	—	31	14

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Hawaii			Honolulu				
	Race			Race				
	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	American Indian, Esquire, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units -----	11 374	17 119	1 850	89 682	4 445	841	131 083	12 924
YEAR STRUCTURE BUILT								
1979 to March 1980 -----	1 037	732	80	2 122	119	8	3 348	266
1975 to 1979 -----	2 270	2 192	238	11 997	949	113	11 928	1 547
1970 to 1974 -----	2 958	3 322	474	19 411	1 114	218	24 335	2 632
1960 to 1969 -----	1 644	2 935	164	16 073	607	172	41 011	1 617
1950 to 1959 -----	798	2 118	163	15 729	618	175	25 742	2 678
1940 to 1949 -----	795	1 544	196	7 567	388	77	11 896	979
1939 or earlier -----	1 872	4 256	432	6 783	236	78	12 823	988
BEDROOMS								
None -----	659	537	130	5 541	168	99	7 626	866
1 -----	1 615	1 427	236	16 319	794	142	24 458	2 574
2 -----	3 071	3 238	357	26 301	1 672	275	33 001	4 078
3 -----	4 -----	9 475	236	28 376	1 175	250	45 536	3 955
4 -----	832	1 926	181	11 423	586	69	15 360	1 181
5 or more -----	277	496	27	1 962	50	6	5 102	270
UNITS IN STRUCTURE								
1, detached -----	8 611	14 048	1 336	32 452	620	233	68 340	4 749
1, attached -----	1 157	218	20	4 466	525	42	4 455	767
2 -----	558	699	140	4 556	914	57	24 558	779
3 and 4 -----	178	308	51	6 492	751	90	7 007	1 029
5 to 9 -----	244	54	54	7 551	591	40	10 116	577
10 to 49 -----	955	1 105	180	11 965	953	185	17 654	1 577
50 or more -----	616	327	69	19 838	791	174	16 498	1 603
Mobile home or trailer, etc. -----	55	14	—	152	—	—	98	20
UNITS IN STRUCTURE BY GROSS RENT								
Specified renter-occupied housing units -----	4 903	5 795	972	52 703	3 660	652	53 412	8 378
1, mobile home or trailer, etc. -----	2 784	3 338	527	14 566	630	132	13 434	2 164
Median gross rent -----	\$551	\$236	\$313	\$406	\$416	\$405	\$317	\$349
2 or more -----	2 119	2 457	445	38 137	3 030	520	39 978	6 214
Median gross rent -----	\$288	\$219	\$214	\$342	\$318	\$321	\$276	\$299
BATHROOMS								
No bathroom or only a half bath -----	1 077	1 065	138	1 233	95	42	2 902	377
1 complete bathroom -----	4 519	6 495	891	40 593	2 293	464	62 509	7 542
1 complete bathroom plus half bath(s) -----	1 526	3 765	205	12 526	614	57	29 912	3 095
2 or more complete bathrooms -----	4 252	5 794	481	35 651	1 062	243	44 857	3 130
SOURCE OF WATER								
Public system or private company -----	9 494	16 258	1 701	89 389	4 429	841	130 617	12 794
Individual drilled well -----	5	24	—	65	—	—	174	54
Individual dug well -----	—	7	—	—	—	—	8	—
Some other source -----	1 875	830	149	228	8	—	274	76
HEATING EQUIPMENT								
Steam or hot water system -----	19	66	12	2 303	108	20	11 656	1 203
Central warm-air furnace -----	25	—	3	630	47	—	361	95
Electric heat pump -----	30	153	5	588	54	—	2 068	252
Other built-in electric units -----	239	472	23	2 183	377	7	2 482	453
Floor, wall, or pipeless furnace -----	—	—	—	37	22	—	74	31
Room heaters with fuel -----	71	45	—	32	19	—	245	10
Room heaters without fuel -----	48	46	—	89	8	—	61	13
Fireplaces, stoves, or portable room heaters -----	920	635	73	1 630	82	11	1 585	137
None -----	9 982	15 692	1 734	82 190	3 778	803	112 551	10 730
SELECTED CHARACTERISTICS								
No telephone -----	1 299	1 094	169	3 324	—	111	5 174	673
No complete kitchen facilities -----	700	1 025	78	10 820	208	30	20 568	206
Lacking air conditioning -----	10 815	16 717	1 784	66 684	3 179	655	110 822	10 994
Lacking public sewer -----	8 413	12 641	1 191	6 363	153	103	10 266	1 407
No vehicle available -----	620	1 535	214	10 058	493	159	14 273	1 776
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	4 227	11 184	861	36 057	662	183	76 694	4 415
1979 to March 1980 -----	1 521	790	87	6 580	181	38	7 968	628
1975 to 1979 -----	2 102	2 248	267	11 328	240	64	16 028	1 116
1970 to 1974 -----	1 165	2 498	260	4 959	99	42	14 943	1 078
1960 to 1969 -----	637	2 384	99	6 807	94	9	21 211	1 061
1950 to 1959 -----	394	1 736	27	2 797	39	30	11 495	351
1949 or earlier -----	5 147	5 055	989	53 055	3 783	658	54 387	8 599
Renter-occupied housing units -----	2 941	2 177	400	26 403	2 275	328	17 786	3 675
1979 to March 1980 -----	1 459	1 704	317	20 369	1 370	234	19 105	3 204
1975 to 1979 -----	473	704	119	6 017	83	46	8 857	807
1970 to 1974 -----	193	669	98	2 235	60	34	5 800	532
1960 to 1969 -----	81	679	45	677	7	22	3 124	241
1959 or earlier -----	1 665	3 855	173	11 094	157	44	20 118	1 342
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER								
Owner-occupied housing units -----	1 254	3 890	173	6 792	84	15	12 955	601
Owner-occupied housing units -----	30	268	9	27	—	—	409	45
Lacking complete plumbing for exclusive use -----	42	6	—	6	—	—	15	35
No complete kitchen facilities -----	6	207	6	876	—	—	5 213	461
No vehicle available -----	264	1 048	76	3 455	50	15	820	80
No telephone -----	130	324	15	258	—	—	1 275	137
Lacking central heating system -----	1 688	3 781	173	10 453	161	44	17 965	1 249
Lacking air conditioning -----	1 665	3 855	173	10 453	97	37	17 965	1 249

¹Persons of Spanish origin may be of any race.

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Kauai			Maui		
	Race		Spanish origin ¹	Race		Spanish origin ¹
	White	Asian and Pacific Islander		White	Asian and Pacific Islander	
Occupied housing units	3 987	7 704	813	9 312	12 702	1 381
YEAR STRUCTURE BUILT						
1979 to March 1980	331	314	60	922	600	58
1975 to 1978	805	868	126	2 103	1 876	256
1970 to 1974	679	1 200	153	2 192	2 286	331
1960 to 1969	644	1 288	131	1 362	1 798	232
1950 to 1959	501	1 235	143	836	1 547	107
1940 to 1949	430	1 122	99	710	995	115
1939 or earlier	597	1 677	101	1 187	2 660	282
BEDROOMS						
None	221	236	43	552	608	33
1	495	618	81	2 008	1 584	278
2	1 117	1 756	245	2 631	2 513	319
3	1 778	1 552	369	3 228	2 198	548
4	292	780	61	746	1 435	151
5 or more	84	162	14	147	364	52
UNITS IN STRUCTURE						
1, detached	3 122	6 182	621	5 413	9 600	907
1, attached	107	221	198	279	279	64
2	253	423	57	360	550	57
3 and 4	43	204	15	266	384	42
5 to 9	74	176	24	432	421	71
10 to 49	206	310	58	1 280	791	129
50 or more	163	188	16	1 328	677	111
Mobile home or trailer, etc.	19	—	—	35	—	—
UNITS IN STRUCTURE BY GROSS RENT						
Specified renter-occupied housing units	2 082	3 197	330	4 694	4 418	620
1, mobile home or trailer, etc.	1 511	2 284	218	2 228	2 619	341
Median gross rent	\$363	\$143	\$372	\$412	\$233	\$279
2 or more	571	913	112	2 466	799	289
Median gross rent	\$298	\$203	\$219	\$447	\$272	\$389
BATHROOMS						
No bathroom or only a half bath ..	153	411	66	378	611	61
1 complete bathroom	1 855	3 709	385	4 591	6 000	758
1 complete bathroom plus half bath(s)	683	1 332	112	1 211	2 770	206
2 or more complete bathrooms ..	1 296	1 922	230	3 132	3 387	356
SOURCE OF WATER						
Public system or private company ..	3 904	7 591	807	9 032	12 610	1 371
Individual drilled well	26	7	—	54	13	—
Individual dug well	19	—	—	23	11	—
Some other source	38	106	6	203	68	10
HEATING EQUIPMENT						
Steam or hot water system	12	113	15	73	270	57
Central warm-air furnace	13	—	—	44	7	6
Electric heat pump	36	34	6	31	156	16
Other built-in electric units	—	24	6	102	147	7
Floor, wall, or pipeless furnace ..	—	—	—	16	11	—
Room heaters with fuel	17	13	6	42	19	—
Room heaters without fuel	—	10	—	6	5	—
Fireplaces, stoves, or portable room heaters	211	117	19	995	505	60
None	3 698	7 393	761	8 003	11 582	1 235
SELECTED CHARACTERISTICS						
No telephone	355	585	88	850	892	143
No complete kitchen facilities	190	173	37	305	373	21
Lacking air conditioning	3 806	7 394	774	8 204	12 118	1 311
Lacking public sewer	3 064	6 142	671	3 894	4 206	510
No vehicle available	196	569	42	549	1 062	77
YEAR HOUSEHOLDER MOVED INTO UNIT						
Owner-occupied housing units	1 845	4 434	463	4 482	8 220	752
1979 to March 1980	611	391	64	696	575	82
1975 to 1978	603	936	125	1 628	1 749	220
1970 to 1974	396	939	164	913	1 614	164
1960 to 1969	258	886	33	579	2 082	173
1950 to 1959	175	757	54	354	1 323	63
1949 or earlier	102	515	23	312	877	50
Renter-occupied housing units	2 142	3 280	350	4 830	4 482	629
1979 to March 1980	1 051	949	106	2 593	1 378	243
1975 to 1978	651	956	116	1 562	1 446	216
1970 to 1974	174	521	65	471	1 011	115
1960 to 1969	150	492	26	104	382	19
1959 or earlier	116	759	37	98	575	36
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER						
Occupied housing units	470	2 091	124	1 456	2 996	210
Owner-occupied housing units	328	1 318	76	1 062	2 069	148
Lacking complete plumbing for exclusive use ..	15	128	13	15	172	—
No complete kitchen facilities	17	68	—	31	179	7
No vehicle available	67	362	—	157	656	21
No telephone	24	170	11	60	223	7
Lacking central heating system	464	1 224	124	1 369	2 668	199
Lacking air conditioning	430	2 018	115	1 260	2 910	205

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Hawaii			Honolulu				
	Race			Race				
	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	American Indian, Esquimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units.....	11 374	17 119	1 850	89 682	4 445	841	131 083	12 924
HOUSE HEATING FUEL								
Utility gas.....	6	23	—	2 081	135	12	9 531	963
Bottled, tank, or LP gas.....	114	110	17	421	30	8	2 171	247
Electricity.....	409	817	55	3 961	478	7	6 084	899
Fuel oil, kerosene, etc.....	134	167	3	84	3	—	315	41
Coal or coke.....	—	—	—	—	—	—	15	—
Wood.....	729	310	46	857	21	11	266	29
Other fuel.....	—	—	—	81	—	—	150	15
No fuel used.....	9 982	15 692	1 734	82 190	3 778	803	112 551	10 730
WATER HEATING FUEL								
Utility gas.....	823	1 756	229	16 248	700	185	23 380	1 978
Bottled, tank, or LP gas.....	2 682	5 166	619	3 186	135	67	5 469	714
Electricity.....	6 985	9 174	899	68 768	3 578	557	100 583	10 132
Fuel oil, kerosene, etc.....	36	101	7	107	—	—	181	25
Other.....	447	62	17	724	11	17	892	67
No fuel used.....	401	300	39	220	4	15	464	23
COOKING FUEL								
Utility gas.....	665	1 623	210	10 969	403	170	21 551	1 847
Bottled, tank, or LP gas.....	3 066	5 841	636	1 959	102	23	4 617	646
Electricity.....	7 411	9 353	967	76 055	3 719	640	104 216	10 365
Other.....	—	—	—	—	—	—	181	25
No fuel used.....	104	179	26	614	21	8	554	41
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units.....	5 413	10 116	780	21 002	328	137	55 290	2 982
With a mortgage.....	3 147	5 630	516	16 997	265	119	41 080	2 440
Less than \$100.....	55	45	—	—	—	—	190	18
\$100 to \$149.....	125	146	27	123	146	—	400	18
\$150 to \$199.....	145	337	33	330	34	5	1 366	48
\$200 to \$249.....	204	575	45	856	13	9	2 893	127
\$250 to \$299.....	344	883	83	1 049	—	—	4 272	227
\$300 to \$349.....	328	792	119	927	7	17	3 813	183
\$350 to \$399.....	309	603	47	1 008	14	13	3 771	273
\$400 to \$449.....	308	473	40	529	10	7	3 387	186
\$450 to \$499.....	257	465	23	1 154	20	—	3 182	161
\$500 to \$599.....	335	591	57	2 058	43	32	5 278	400
\$600 to \$749.....	340	529	31	2 940	48	11	7 171	471
\$750 or more.....	364	245	11	5 546	76	25	6 675	417
Median.....	\$410	\$351	\$329	\$599	\$582	\$563	\$453	\$490
Not mortgaged.....	2 266	4 486	264	4 066	63	18	14 210	542
Less than \$50.....	340	296	12	100	—	—	253	13
\$50 to \$74.....	398	1 029	—	80	—	—	1 294	51
\$75 to \$99.....	524	1 364	90	751	—	—	2 996	101
\$100 to \$149.....	659	1 320	69	1 439	35	11	4 444	188
\$150 to \$199.....	208	342	—	735	19	—	2 533	159
\$200 to \$249.....	69	81	6	288	—	7	727	17
\$250 or more.....	68	54	79	221	—	—	727	14
Median.....	\$94	\$92	\$88	\$119	\$116	\$145	\$119	\$124
GROSS RENT								
Specified renter-occupied housing units.....	4 903	5 795	972	52 703	3 640	652	53 412	8 378
Less than \$50.....	20	58	11	—	—	—	260	16
\$50 to \$59.....	33	159	6	80	8	—	434	42
\$60 to \$79.....	88	263	53	300	8	—	1 081	100
\$80 to \$99.....	130	412	16	284	5	—	1 080	154
\$100 to \$119.....	119	350	34	373	9	5	1 258	154
\$120 to \$149.....	152	529	80	529	24	6	1 771	212
\$150 to \$169.....	162	299	41	740	17	29	1 694	257
\$170 to \$199.....	236	409	63	1 737	41	41	3 631	302
\$200 to \$249.....	540	690	157	6 010	446	80	8 116	1 128
\$250 to \$299.....	525	641	59	5 712	492	65	6 495	1 109
\$300 to \$349.....	387	565	162	4 535	306	77	6 768	1 208
\$350 to \$399.....	424	530	63	6 177	313	96	5 870	1 126
\$400 to \$499.....	695	384	105	7 959	572	87	5 931	988
\$500 or more.....	496	201	43	9 130	312	84	3 408	686
No cash rent.....	474	54	79	8 148	946	72	3 415	896
Median.....	\$316	\$226	\$246	\$358	\$324	\$342	\$284	\$311
HOUSEHOLD INCOME IN 1979								
Occupied housing units.....	11 374	17 119	1 850	89 682	4 445	841	131 083	12 924
Owner-occupied.....	5 913	13 529	1 133	21 216	313	133	52 962	3 153
Owner-occupied housing units.....	6 227	11 184	662	36 057	662	183	76 696	4 415
Median income.....	\$19 536	\$21 751	\$18 438	\$30 054	\$21 700	\$26 033	\$30 535	\$26 210
Renter-occupied housing units.....	5 147	5 935	717	6 867	372	508	54 387	8 579
Median income.....	\$11 942	\$11 438	\$10 247	\$14 502	\$12 113	\$11 675	\$13 870	\$11 901
INCOME IN 1979 BELOW POVERTY LEVEL								
Owner-occupied housing units.....	582	697	59	1 429	50	10	2 404	315
Percent below poverty level.....	9.3	24.5	3.2	19.9	5.5	1.2	19.0	24.2
Complete plumbing for exclusive use.....	429	652	53	1 396	50	10	2 360	315
1.01 or more persons per room.....	9	74	—	116	10	—	520	103
Lacking complete plumbing for exclusive use.....	153	45	—	44	—	—	44	—
1.01 or more persons per room.....	66	—	—	—	—	—	—	—
Renter-occupied housing units.....	1 256	1 452	294	6 268	470	149	10 320	2 059
Percent below poverty level.....	24.4	29.7	21.4	21.7	12.4	22.6	19.0	24.2
Complete plumbing for exclusive use.....	1 041	1 212	240	5 099	470	149	9 640	2 013
1.01 or more persons per room.....	145	226	75	850	91	33	3 583	630
Lacking complete plumbing for exclusive use.....	215	34	—	170	—	9	456	46
1.01 or more persons per room.....	54	56	—	32	—	9	173	17

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Kauai			Maui		
	Race		Spanish origin ¹	Race		Spanish origin ¹
	White	Asian and Pacific Islander		White	Asian and Pacific Islander	
Occupied housing units	3 987	7 704	813	9 312	12 702	1 381
HOUSE HEATING FUEL						
Utility gas	—	21	—	36	55	5
Bottled, tank, or LP gas	33	108	21	141	254	382
Electricity	98	74	12	355	497	51
Fuel oil, kerosene, etc.	—	62	—	107	—	6
Cool or coke	—	—	—	—	—	—
Wood	155	46	19	662	235	27
Other fuel	3	—	—	8	—	—
No fuel used	3 698	7 393	761	8 003	11 582	1 235
WATER HEATING FUEL						
Utility gas	127	307	39	166	322	44
Bottled, tank, or LP gas	1 212	3 030	348	1 726	2 705	386
Electricity	2 208	3 106	328	6 870	8 880	882
Fuel oil, kerosene, etc.	49	426	6	85	167	10
Other fuel	341	739	64	338	513	52
No fuel used	50	96	28	107	115	11
COOKING FUEL						
Utility gas	144	360	36	162	252	42
Bottled, tank, or LP gas	1 286	3 369	350	1 464	2 514	386
Electricity	2 467	3 762	417	7 416	9 552	939
Other	41	169	4	186	265	14
No fuel used	49	44	6	84	119	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
Specified owner-occupied housing units	1 564	3 832	384	3 088	6 865	616
With a mortgage	983	2 223	275	1 860	4 177	449
Less than \$100	—	21	—	12	34	6
\$100 to \$149	1	57	7	34	154	9
\$150 to \$199	37	141	20	110	444	29
\$200 to \$249	40	229	89	—	468	26
\$250 to \$299	60	236	17	186	457	50
\$300 to \$349	107	291	33	164	464	57
\$350 to \$399	58	243	40	227	393	54
\$400 to \$449	105	212	35	106	404	29
\$450 to \$499	109	213	37	260	332	109
\$500 to \$599	129	221	39	171	405	50
\$600 to \$749	172	248	33	289	313	49
\$750 or more	161	111	5	393	333	32
Median	\$486	\$378	\$431	\$451	\$356	\$388
Not mortgaged	581	1 609	109	1 228	2 738	167
Less than \$50	40	82	7	96	89	13
\$50 to \$74	84	259	13	233	633	37
\$75 to \$99	98	422	37	268	702	32
\$100 to \$149	193	353	39	445	872	51
\$150 to \$199	108	234	13	116	248	26
\$200 to \$249	13	14	—	46	85	8
\$250 or more	45	45	—	24	9	—
Median	\$112	\$104	\$98	\$102	\$98	\$101
GROSS RENT						
Specified renter-occupied housing units	2 082	3 197	330	4 694	4 418	620
Less than \$50	—	66	—	23	116	—
\$50 to \$59	32	50	9	—	114	—
\$60 to \$79	48	266	17	50	117	—
\$80 to \$99	113	385	5	66	277	34
\$100 to \$119	73	370	41	57	302	11
\$120 to \$149	73	188	9	70	242	19
\$150 to \$169	49	157	9	122	172	32
\$170 to \$199	109	157	9	168	208	51
\$200 to \$249	124	241	21	238	295	66
\$250 to \$299	216	178	18	283	316	48
\$300 to \$349	160	178	18	265	272	23
\$350 to \$399	148	164	25	408	301	56
\$400 to \$499	292	214	40	893	517	109
\$500 or more	474	140	43	1 529	464	84
No cash rent	224	425	50	472	705	87
Median	\$345	\$159	\$289	\$435	\$252	\$372
HOUSEHOLD INCOME IN 1979						
Owner-occupied housing units	3 987	7 704	813	9 312	12 702	1 381
Median income	\$19 266	\$18 810	\$14 705	\$18 342	\$21 455	\$17 855
Renter-occupied housing units	1 845	4 424	463	4 482	8 220	752
Median income	\$24 530	\$23 762	\$17 331	\$24 136	\$24 809	\$21 940
Owner-occupied housing units	2 142	3 280	350	4 830	4 482	629
Median income	\$15 837	\$14 526	\$11 680	\$14 119	\$14 864	\$12 530
INCOME IN 1979 BELOW POVERTY LEVEL						
Owner-occupied housing units	117	153	35	190	422	14
Percent below poverty level	6.3	3.5	7.6	4.2	5.1	1.9
Complete plumbing for exclusive use	98	146	35	183	407	14
1.01 or more persons per room	—	7	—	22	81	—
Lacking complete plumbing for exclusive use	19	7	—	7	15	—
1.01 or more persons per room	—	—	—	—	—	—
Renter-occupied housing units	313	514	80	982	808	151
Percent below poverty level	14.6	15.7	22.9	20.3	17.9	24.0
Complete plumbing for exclusive use	301	453	60	897	739	145
1.01 or more persons per room	30	112	13	115	198	61
Lacking complete plumbing for exclusive use	12	61	—	85	65	6
1.01 or more persons per room	—	31	15	6	8	—

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State Counties	The State	Hawaii	Honolulu	Kalawao	Kauai	Mauai
Total housing units	53 875	20 146	9 304	121	8 774	15 530
Vacant seasonal and migratory	896	234	253	291	8 236	1 118
Year-round housing units	52 979	19 912	9 051	121	8 483	15 412
YEAR-ROUND HOUSING UNITS						
Persons						
Total persons	129 968	52 033	27 459	144	21 390	28 942
Persons in occupied housing units	127 276	51 713	25 832	103	21 151	28 477
Per occupied housing unit	3 116	3 113	3 355	1.45	3 199	3 006
Owner-occupied housing units	71 657	33 449	9 298	103	11 997	16 413
Renter-occupied housing units	55 619	18 264	16 234	1.45	9 154	11 864
Tenure by Race and Spanish Origin of Householder						
Owner-occupied housing units	21 498	10 487	2 641	—	3 401	4 969
White	8 556	4 367	953	—	1 070	2 166
Black	56	56	—	—	—	—
Spanish origin ¹	1 347	553	174	—	302	318
Renter-occupied housing units	18 756	6 029	5 073	71	3 327	4 346
White	9 187	2 885	2 779	—	1 242	2 273
Black	152	28	100	—	19	743
Spanish origin ¹	1 465	433	527	—	204	301
Vacancy Status						
Vacant housing units	12 725	3 396	1 337	50	1 845	6 097
For sale only	458	169	138	—	26	125
Vacant less than 6 months	425	154	123	—	23	125
Median price asked	\$72 500	\$87 500	\$63 000	—	\$85 000	\$200 000+
For rent	4 204	1 308	488	—	1 143	1 265
Vacant less than 2 months	3 070	1 013	311	—	1 038	1 265
Median rent asked	\$499	\$500+	\$324	—	\$500+	\$488
Other vacants	8 063	1 919	711	50	676	4 707
Plumbing Facilities						
Year-round housing units	52 979	19 912	9 051	121	8 483	15 412
Complete plumbing for exclusive use	49 996	17 963	8 902	116	8 206	14 809
Lacking complete plumbing for exclusive use	2 983	1 949	149	5	277	603
Complete plumbing but used by another household	216	61	16	—	18	121
Some but not all plumbing facilities	1 826	1 123	113	2	159	326
No plumbing facilities	941	662	20	3	156	—
Occupied housing units	40 254	16 516	7 714	71	6 438	9 315
Complete plumbing for exclusive use	37 992	14 996	7 607	68	6 409	8 912
Lacking complete plumbing for exclusive use	2 262	1 520	1 107	3	229	403
Complete plumbing but used by another household	175	55	16	—	15	89
Some but not all plumbing facilities	1 487	1 015	78	—	140	254
No plumbing facilities	600	450	13	3	74	60
VALUE						
Specified owner-occupied housing units	17 747	9 201	2 019	—	2 906	3 621
Less than \$10,000	293	194	10	—	12	77
\$10,000 to \$19,999	460	344	40	—	40	72
\$20,000 to \$29,999	831	35	35	—	119	112
\$30,000 to \$49,999	2 657	2 001	90	—	371	—
\$50,000 to \$99,999	6 748	3 786	691	—	1 216	1 055
\$100,000 to \$149,999	3 444	1 253	736	—	712	733
\$150,000 to \$199,999	1 542	536	239	—	275	492
\$200,000 or more	1 772	522	224	—	337	689
Median	\$82 300	\$65 200	\$109 400	—	\$95 600	\$106 400
CONTRACT RENT						
Specified renter-occupied housing units	17 935	5 651	4 894	71	3 136	4 183
Median	\$213	\$179	\$256	—	\$158	\$237
Rooms						
Year-round housing units	52 979	19 912	9 051	121	8 483	15 412
1 room	974	198	94	—	388	1 417
2 rooms	5 079	1 361	549	25	472	2 672
3 rooms	8 363	2 214	1 550	47	1 438	3 114
4 rooms	10 036	3 837	1 980	42	1 624	2 553
5 rooms	14 540	6 388	2 637	4	2 516	2 995
6 rooms	7 197	3 135	1 332	—	1 226	1 504
7 rooms	2 821	1 040	492	—	497	992
8 or more rooms	2 046	843	313	3	322	565
Median, year-round housing units	4.5	4.8	4.6	3.3	4.6	3.7
Median, occupied housing units	4.8	5.2	5.7	4.9	5.6	4.9
Median, owner-occupied housing units	5.2	5.2	5.3	—	5.2	5.1
Median, renter-occupied housing units	4.3	4.4	4.4	3.7	4.4	3.8
Persons in Unit						
Occupied housing units	40 254	16 516	7 714	71	6 438	9 315
1 person	6 446	2 071	1 002	39	1 049	1 485
2 persons	11 846	4 964	2 023	31	1 899	2 929
3 persons	7 385	2 930	1 620	1	1 217	1 617
4 persons	6 467	2 654	1 350	—	1 125	1 538
5 persons	3 841	1 649	823	—	614	755
6 persons	2 091	843	411	—	326	511
7 persons	1 297	511	320	—	218	348
8 or more persons	881	294	165	—	232	232
Median, occupied housing units	2.75	2.71	3.01	1.41	2.80	2.53
Median, owner-occupied housing units	2.94	3.52	2.83	—	3.03	2.77
Median, renter-occupied housing units	2.53	2.49	2.79	1.41	2.54	2.35
Persons Per Room						
Occupied housing units	40 254	16 516	7 714	71	6 438	9 315
1.00 or less	34 521	14 331	6 489	71	5 732	7 898
1.01 to 1.50	3 631	1 438	735	—	611	847
1.51 or more	2 102	747	490	—	295	570
Complete plumbing for exclusive use	37 992	14 996	7 607	68	6 409	8 912
1.00 or less	32 839	13 255	6 415	68	5 446	7 555
1.01 to 1.50	3 364	1 223	729	—	590	822
1.51 or more	1 789	518	463	—	273	535

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

The State Counties	The State	Hawaii	Honolulu	Kalawao	Kauai	Maoi
Occupied housing units	1 412	889	230	-	71	222
PERSONS						
Total persons	4 523	2 821	843	-	163	696
Persons in occupied housing units	4 523	2 821	843	-	163	696
Per occupied housing unit	3.20	3.17	3.67	-	2.30	3.14
Owner-occupied housing units	3 152	1 777	662	-	116	597
Renter-occupied housing units	1 371	1 044	181	-	47	99
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER						
Owner-occupied housing units	1 015	620	166	-	51	178
White	294	163	37	-	17	...
Black	-	-	-	-	-	-
Spanish origin ¹	35	24	-	-	...	...
Renter-occupied housing units	397	269	64	-	20	44
White	114	70	20	-	...	...
Black	-	-	-	-	-	-
Spanish origin ¹	22	22	-	-	...	...
PLUMBING FACILITIES						
Owner-occupied housing units	1 015	620	166	-	51	178
Complete plumbing for exclusive use	964	576	166	-	51	171
Lacking complete plumbing for exclusive use	51	44	-	-	-	7
Complete plumbing but used by another household	-	-	-	-	-	-
Some but not all plumbing facilities	44	44	-	-	-	-
No plumbing facilities	7	-	-	-	-	7
Renter-occupied housing units	397	269	64	-	20	44
Complete plumbing for exclusive use	264	136	64	-	20	44
Lacking complete plumbing for exclusive use	133	133	-	-	-	-
Complete plumbing but used by another household	-	-	-	-	-	-
Some but not all plumbing facilities	119	119	-	-	-	-
No plumbing facilities	14	14	-	-	-	-
ROOMS						
1 room	31	5	-	-	12	14
2 rooms	45	46	3	-	...	16
3 rooms	126	101	18	-	-	7
4 rooms	217	115	48	-	10	44
5 rooms	351	231	60	-	3	29
6 rooms	241	168	27	-	6	40
7 rooms	213	129	44	-	12	28
8 or more rooms	168	94	30	-	-	44
Median, occupied housing units	5.3	5.3	5.3	-	4.9	5.5
Median, owner-occupied housing units	5.5	5.5	5.7	-	4.7	5.6
Median, renter-occupied housing units	4.9	4.9	5.0	-	5.3	4.2
PERSONS IN UNIT						
1 person	171	82	28	-	25	36
2 persons	398	270	45	-	15	68
3 persons	292	184	47	-	10	51
4 persons	235	168	40	-	5	22
5 persons	131	61	34	-	9	27
6 persons	79	57	15	-	7	7
7 persons	97	62	21	-	7	7
8 or more persons	9	5	-	-	-	4
Median, occupied housing units	2.97	3.00	3.39	-	2.20	2.64
Median, owner-occupied housing units	2.80	2.64	3.50	-	2.40	2.92
Median, renter-occupied housing units	3.44	3.86	3.21	-	1.27	1.50
PERSONS PER ROOM						
Owner-occupied housing units	1 015	620	166	-	51	178
0.50 or less	532	369	73	-	15	75
0.51 to 0.75	226	123	38	-	15	50
0.76 to 1.00	192	89	42	-	21	40
1.01 to 1.50	43	17	13	-	...	13
1.51 or more	22	22	-	-	-	-
Renter-occupied housing units	397	269	64	-	20	44
0.50 or less	128	58	20	-	13	37
0.51 to 0.75	77	57	20	-	-	-
0.76 to 1.00	87	58	15	-	7	7
1.01 to 1.50	92	83	9	-	-	-
1.51 or more	13	13	-	-	-	-
Complete plumbing for exclusive use	1 228	712	230	-	71	215
Owner-occupied housing units	964	576	166	-	51	171
1.00 or less	908	546	153	-	51	158
1.01 to 1.50	43	17	13	-	-	13
1.51 or more	13	13	-	-	-	-
Renter-occupied housing units	264	136	64	-	20	44
1.00 or less	218	99	55	-	20	44
1.01 to 1.50	41	32	9	-	-	-
1.51 or more	5	5	-	-	-	-

¹Persons of Spanish origin may be of any race.

Table 100. Selected Characteristics of Rural Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

The State Counties	The State	Hawaii	Honolulu	Kauai	Maui
Year-round housing units	52 979	19 912	9 051	8 483	15 412
Complete kitchen facilities	50 204	18 501	8 711	8 050	14 846
UNITS IN STRUCTURE					
1	35 948	16 175	5 717	6 314	7 625
2 or more	16 915	3 690	3 327	2 166	7 784
Mobile home or trailer, etc.	116	47	7	19	43
HEATING EQUIPMENT					
Central heating system	1 344	340	459	161	384
Room heaters with fuel	193	10	57	30	56
Room heaters without fuel	116	95	—	10	11
Fireplaces, stoves, or portable room heaters	3 356	1 419	216	399	1 362
None	47 970	17 961	8 366	7 923	13 599
YEAR STRUCTURE BUILT					
1979 to March 1980	4 933	2 215	316	759	1 643
1975 to 1978	10 014	3 531	670	1 693	4 120
1970 to 1974	10 490	3 880	2 183	2 411	3 186
1960 to 1969	7 283	2 546	1 935	1 604	1 604
1940 to 1959	9 848	2 862	2 794	2 083	2 092
1939 or earlier	10 411	4 878	1 153	1 519	2 767
SOURCE OF WATER					
Public system or private company	48 702	16 469	8 674	8 263	14 978
Individual drilled well	239	29	90	33	87
Individual dug well	71	18	18	19	34
Some other source	3 967	3 414	69	168	313
SEWAGE DISPOSAL					
Public sewer	20 322	4 422	4 365	2 672	8 861
Septic tank or cesspool	30 662	14 269	4 605	11 627	6 070
Other means	1 995	1 221	81	209	481
AIR CONDITIONING					
None	48 679	19 303	8 241	8 161	12 856
Central system	2 312	227	350	30	1 705
1 or more individual room units	1 988	382	460	292	851
Occupied housing units	40 254	16 516	7 714	6 438	9 315
No telephone	3 733	1 696	520	543	965
YEAR HOUSEHOLDER MOVED INTO UNIT					
1979 to March 1980	10 791	4 337	2 658	1 342	2 448
1975 to 1978	10 848	4 231	2 090	1 861	3 660
1970 to 1974	6 890	2 988	1 175	1 101	1 611
1960 to 1969	5 136	2 236	1 072	876	932
1959 or earlier	6 589	2 724	719	1 436	1 664
HOUSE HEATING FUEL					
Utility gas	124	4	83	16	21
Bottled, tank, or LP gas	562	168	84	109	201
Electricity	1 382	424	426	111	201
Fuel oil, kerosene, etc.	490	278	—	62	150
Cod or coke	1 812	839	70	115	768
Other fuel	8	—	—	8	—
No fuel used	35 676	14 803	7 051	6 225	7 726
VEHICLES AVAILABLE					
None	2 890	1 196	673	355	658
1	13 023	4 853	3 190	1 774	3 188
2	14 627	6 355	2 360	2 515	3 372
3 or more	9 714	4 112	1 491	994	2 097
Trucks or vans	24 167	8 912	5 602	3 741	5 883
None	14 113	6 484	1 915	2 645	3 041
1	1 579	922	155	184	305
2 or more	395	198	42	66	86
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER					
Occupied housing units	7 810	3 491	1 093	1 291	1 906
Owner-occupied housing units	5 179	2 409	515	749	1 306
Locking complete plumbing for exclusive use	483	225	36	87	132
No complete kitchen facilities	375	163	49	48	108
No vehicle available	1 424	710	237	8	314
No telephone	592	277	37	81	188
Locking central heating system	7 380	3 413	1 067	1 275	1 796
Locking air conditioning	7 592	3 445	1 049	1 250	1 822
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units	17 747	9 201	2 019	2 906	3 621
With a mortgage	9 924	4 732	1 483	1 723	1 988
Less than \$100	99	56	6	10	27
\$100 to \$199	961	575	67	90	229
\$200 to \$299	2 040	1 257	171	285	327
\$300 to \$399	2 148	1 067	282	358	441
\$400 to \$599	2 520	1 024	469	553	474
\$600 or more	2 156	753	488	427	488
Median	3386	\$338	\$485	\$442	\$392
Not mortgaged	7 823	4 469	536	1 183	1 635
Median	493	\$86	\$101	\$110	\$101
GROSS RENT					
Specified renter-occupied housing units	17 935	5 451	4 894	3 136	4 183
Less than \$80	1 236	389	266	331	250
\$80 to \$99	1 224	270	270	254	270
\$100 to \$149	1 768	561	280	470	457
\$150 to \$199	1 194	433	291	364	266
\$200 to \$299	2 891	1 067	913	417	494
\$300 to \$399	2 417	759	909	355	394
\$400 or more	3 952	962	954	692	1 344
No cash rent	3 253	1 011	1 050	435	688
Median	\$267	\$244	\$292	\$227	\$227
MEDIAN HOUSEHOLD INCOME IN 1979					
Occupied housing units	\$17 106	\$16 382	\$15 542	\$18 917	\$18 905
Owner-occupied housing units	307	\$16 836	\$21 307	\$18 836	\$22 946
Renter-occupied housing units	\$13 130	\$12 452	\$12 090	\$14 473	\$15 031

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The State
Counties

	The State	Hawaii	Honolulu	Kalawao	Kauai	Maui
Occupied housing units	1 412	889	230	—	71	222
Complete kitchen facilities	1 340	824	230	—	71	215
No telephone	126	100	—	—	12	14
UNITS IN STRUCTURE	1 314	839	212	—	62	201
2 or more	98	50	18	—	9	21
Mobile home or trailer, etc.	—	—	—	—	—	—
HEATING EQUIPMENT	—	—	—	—	—	—
Central heating system	20	12	8	—	—	—
Room heaters with fuel	7	7	—	—	—	5
Room heaters without fuel	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	172	78	23	—	12	59
None	1 208	792	199	—	59	158
YEAR STRUCTURE BUILT	—	—	—	—	—	—
1979 to March 1980	27	14	—	—	6	7
1975 to 1978	121	209	18	—	17	53
1970 to 1974	163	90	58	—	9	6
1960 to 1969	210	153	40	—	—	17
1940 to 1959	233	114	464	—	29	86
1939 or earlier	339	278	—	—	10	91
SOURCE OF WATER	—	—	—	—	—	—
Public system or private company	1 125	643	212	—	71	199
Individual drilled well	—	—	—	—	—	—
Individual dug well	15	—	7	—	—	8
Some other source	272	246	11	—	—	15
SEWAGE DISPOSAL	—	—	—	—	—	—
Public sewer	25	18	7	—	—	—
Septic tank or cesspool	1 308	802	220	—	71	215
Other means	79	69	3	—	7	7
AIR CONDITIONING	—	—	—	—	—	—
None	1 400	889	218	—	71	222
Central system	—	—	—	—	—	—
1 or more individual room units	12	—	12	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT	—	—	—	—	—	—
1979 to March 1980	112	84	6	—	6	16
1975 to 1978	207	370	66	—	22	75
1970 to 1974	188	119	30	—	9	30
1960 to 1969	276	171	70	—	13	22
1959 or earlier	466	308	58	—	21	79
HOUSE HEATING FUEL	—	—	—	—	—	—
Utility gas	4	4	—	—	—	—
Bottled, tank, or LP gas	21	8	8	—	—	5
Electricity	20	—	—	—	—	12
Fuel oil, kerosene, etc.	27	27	—	—	—	—
Coal or coke	—	—	—	—	—	—
Wood	132	50	23	—	12	47
Other fuel	—	—	—	—	—	—
No fuel used	1 208	792	199	—	59	158
VEHICLES AVAILABLE	—	—	—	—	—	—
Total	—	—	—	—	—	—
None	50	25	20	—	—	5
1	260	137	34	—	15	74
2	248	294	69	—	37	48
3 or more	654	433	107	—	19	95
Trucks or vans	—	—	—	—	—	—
None	485	309	88	—	3	85
1	731	432	129	—	68	102
2	111	90	5	—	—	16
3 or more	85	58	8	—	—	19
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER	—	—	—	—	—	—
Occupied housing units	366	198	90	—	19	59
Owner-occupied housing units	288	157	66	—	6	39
Lacking complete plumbing for exclusive use	25	—	—	—	—	—
No complete kitchen facilities	12	—	—	—	—	—
No vehicle available	45	20	20	—	—	5
No telephone	19	7	7	—	—	—
Lacking central heating system	361	193	90	—	19	59
Lacking air conditioning	354	198	78	—	19	59
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS	—	—	—	—	—	—
Specified owner-occupied housing units	517	332	87	—	28	70
With a mortgage	208	111	59	—	12	26
Less than \$100	6	—	6	—	—	—
\$100 to \$199	44	32	—	—	12	—
\$200 to \$299	15	—	—	—	—	—
\$300 to \$399	46	10	20	—	—	16
\$400 to \$599	42	37	—	—	—	—
\$600 or more	55	17	33	—	—	5
Median	\$373	\$388	\$685	—	\$163	\$341
Not mortgaged	29	28	16	—	—	—
Median	\$102	\$99	—	—	\$93	\$113
GROSS RENT	—	—	—	—	—	—
Specified renter-occupied housing units	261	177	61	—	—	23
Less than \$80	12	—	—	—	—	—
\$80 to \$99	24	24	—	—	—	—
\$100 to \$149	29	7	—	—	—	3
\$150 to \$199	6	12	—	—	—	—
\$200 to \$299	7	—	—	—	—	—
\$300 to \$399	27	27	—	—	—	—
\$400 or more	14	36	16	—	—	6
No cash rent	114	73	27	—	—	14
Median	\$197	\$144	\$289	—	—	\$500+
MEDIAN HOUSEHOLD INCOME IN 1979	—	—	—	—	—	—
Occupied housing units	\$20 733	\$18 985	\$26 087	—	\$15 893	\$25 370
Owner-occupied housing units	\$24 449	\$20 938	\$30 857	—	\$18 750	\$26 625
Renter-occupied housing units	\$16 947	\$16 861	\$21 250	—	\$6 923	\$14 167

Table 102. Selected Characteristics of American Indian Reservations: 1980

(The above table(s) were omitted because there were no qualifying areas)

Table B-1. Computer Allocation Rates for Nonresponse or Inconsistency: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's

The State	Total	Urban					Rural				
		Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
		Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
332 205	279 226	228 145	161 505	66 640	19 362	31 719	52 979	13 988	1 412	250 864	61 341
6.4	5.9	5.8	6.1	5.0	3.5	8.5	8.9	6.8	3.0	6.1	7.5
0.4	0.3	0.2	0.3	0.2	0.4	0.6	0.9	0.3	—	0.2	0.8
0.9	0.6	0.4	0.4	0.4	0.4	1.8	1.4	1.8	0.4	0.4	1.8
1.0	1.0	0.9	0.8	1.0	0.6	1.9	1.5	1.6	0.9	0.9	1.4
1.6	1.6	1.7	1.7	1.6	1.0	1.6	1.4	0.8	—	1.8	1.1
1.1	1.2	1.3	1.4	1.4	0.4	1.2	0.9	0.9	0.2	1.3	0.2
0.6	0.5	0.5	0.6	0.4	0.1	0.6	0.8	0.8	0.6	0.6	0.5
0.8	0.7	0.6	0.7	0.3	0.6	0.9	1.6	1.1	0.8	0.7	1.2
4.6	4.0	3.7	4.0	2.9	2.8	6.6	7.7	6.0	1.8	3.9	6.7
0.1	0.2	0.2	0.2	0.1	0.1	0.1	—	0.1	—	0.2	—
0.1	0.1	0.1	0.1	—	—	—	—	—	—	0.1	—
0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	—	0.2	0.1
0.2	0.2	0.3	0.2	0.3	0.1	0.2	—	—	—	0.3	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	0.1	—	—	—	—	—	—
—	—	—	—	—	—	—	0.5	—	—	—	—
0.2	0.1	0.2	0.1	0.2	—	—	0.1	0.5	—	0.2	0.3
3.7	3.1	2.8	3.1	2.0	2.4	6.1	6.9	5.9	1.8	3.0	6.1
15.3	15.4	15.9	16.7	14.2	11.6	14.1	14.5	11.9	10.8	15.9	13.4
3.9	4.0	4.2	5.5	0.9	4.4	2.7	3.2	3.0	1.3	4.0	3.5
5.3	5.5	5.9	6.3	4.9	2.4	4.3	4.3	4.1	3.0	5.8	3.8
4.2	4.2	4.3	3.5	6.0	3.0	4.7	4.3	3.0	4.4	3.8	4.4
1.6	1.5	1.4	1.1	2.0	1.5	2.1	2.2	1.5	1.8	1.5	1.9
0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.3	0.4	0.2	0.3
—	—	—	—	—	0.1	—	0.1	—	—	—	—
11.9	11.0	9.9	9.7	10.3	10.3	19.3	16.6	15.4	6.5	10.9	14.0
1.4	0.8	0.6	0.5	0.8	1.3	2.0	4.1	3.5	2.3	0.8	3.0
0.1	0.1	0.1	0.1	0.1	—	0.3	0.2	0.3	—	0.1	0.2
1.5	1.4	1.3	1.3	1.2	0.9	2.5	2.1	1.4	2.9	1.4	1.8
1.4	1.5	1.5	1.3	2.0	1.6	1.3	1.2	1.0	1.3	1.6	0.9
1.9	1.8	1.9	2.4	2.9	0.7	2.4	1.9	2.4	—	2.1	1.3
3.1	2.8	2.8	2.9	2.3	2.8	5.7	4.4	4.7	—	3.0	4.2
2.3	2.2	1.8	2.1	0.9	2.9	5.2	2.6	2.0	—	1.9	3.4
—	—	—	—	—	0.1	—	—	0.1	—	—	0.1
4.4	3.6	3.2	3.6	2.2	3.0	6.5	8.6	7.1	6.9	3.4	7.2
1.2	1.0	1.1	1.1	0.7	0.9	0.7	2.5	1.9	5.5	1.0	1.9
1.9	1.6	1.3	1.7	0.6	1.1	3.8	3.3	3.0	1.1	1.5	2.9
0.4	0.3	0.2	0.2	0.3	0.5	0.6	0.8	0.6	0.4	0.3	0.7
0.9	0.7	0.6	0.7	0.6	0.5	1.3	2.0	1.7	—	0.6	1.7
4.3	3.5	2.9	3.3	2.1	3.1	8.2	8.6	6.5	1.4	3.4	7.2
3.8	3.2	2.6	2.9	1.8	2.6	7.8	7.6	5.6	0.8	3.0	6.2
0.5	0.4	0.4	0.4	0.4	0.4	0.4	1.4	1.0	0.6	0.4	1.0
3.6	2.9	2.5	2.9	1.5	2.3	6.0	7.6	6.8	0.8	2.7	6.4
2.7	2.1	1.7	1.8	1.3	2.0	4.8	6.2	5.6	0.8	1.9	5.1
0.4	0.3	0.3	0.4	—	—	0.5	0.9	0.3	—	0.3	0.8
0.5	0.5	0.5	0.6	0.2	0.2	0.6	0.5	0.9	—	0.5	0.5
3.5	2.7	2.3	2.7	1.4	2.2	6.1	7.3	5.3	2.4	2.6	6.0
3.3	2.7	2.3	2.7	1.4	2.1	6.0	6.3	5.2	2.4	2.6	5.4
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
0.2	—	—	—	—	—	—	0.9	0.1	—	—	0.6
7.3	4.4	3.3	3.4	2.9	5.1	12.3	22.7	29.6	2.5	4.2	17.0
6.3	4.0	3.0	3.1	2.6	4.3	10.9	18.5	26.3	—	3.8	14.1
0.7	0.2	0.1	0.3	0.2	0.5	1.2	3.3	2.8	1.3	0.3	2.3
0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.9	0.5	1.2	0.2	0.7
3.7	3.0	2.7	2.9	2.0	2.4	6.0	7.2	5.4	1.9	2.9	6.1
2.8	2.2	1.8	1.8	1.9	1.9	4.7	6.4	5.0	1.9	2.1	5.1
0.2	0.2	0.1	0.2	—	0.3	0.6	0.4	0.4	—	0.1	0.5
0.3	0.3	0.2	0.3	—	0.2	0.6	0.4	0.3	—	0.2	0.5
0.3	0.4	0.5	0.7	—	—	0.1	—	—	—	0.5	—
1.3	1.4	1.4	1.6	0.3	0.8	1.8	0.9	0.6	—	1.3	1.3
1.2	1.3	1.3	1.7	0.3	0.5	1.8	0.8	0.4	—	1.2	1.1
0.1	0.1	0.1	0.1	—	0.3	—	0.1	0.2	—	0.1	0.1
294 052	253 798	210 478	146 015	64 663	18 406	24 712	40 254	10 208	1 412	230 214	63 838
8.4	7.5	6.9	7.4	6.0	8.6	11.9	14.0	12.0	9.6	7.2	12.9
3.4	3.2	3.1	3.5	1.8	4.0	4.5	4.8	5.3	3.5	3.1	4.5
3.6	3.1	2.7	2.9	3.9	3.9	5.7	6.9	5.8	5.0	2.9	6.3
1.1	0.9	0.9	0.8	0.9	0.9	1.4	1.8	1.7	1.0	0.9	1.6
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.4	0.2	—	0.3	0.5
2.1	1.9	1.8	2.0	1.4	2.0	2.7	3.3	2.1	1.8	1.9	2.8
1.9	1.7	1.6	1.9	1.3	1.9	2.3	3.0	1.9	1.8	1.7	2.6
0.2	0.2	0.1	0.2	0.1	0.1	0.4	0.3	0.1	—	0.2	0.3
18.7	20.2	22.2	22.3	22.1	10.5	10.6	9.1	6.8	6.0	21.4	9.0
3.4	3.9	4.6	5.0	3.9	0.5	0.2	0.2	—	—	4.3	0.2
0.9	0.9	0.9	0.6	1.7	0.9	0.9	0.6	0.4	0.8	1.0	0.7
0.5	0.6	0.6	0.6	0.7	0.4	0.2	0.4	0.2	—	0.6	0.3
0.1	0.1	0.2	—	0.5	—	—	0.1	—	—	0.2	0.1
—	—	—	—	—	—	—	—	—	—	—	—
0.1	0.1	—	—	0.1	—	0.1	0.3	—	0.6	—	0.2
0.1	0.1	0.1	0.1	0.1	—	—	—	—	—	—	—
13.7	14.6	15.9	15.9	15.2	8.7	9.1	7.4	6.1	4.7	15.3	7.9
5.2	4.8	4.6	4.8	4.1	6.2	5.7	7.6	8.8	8.0	4.6	7.3
2.0	1.8	1.7	1.9	1.4	1.7	2.3	3.2	2.0	1.9	1.8	2.7
4.6	4.1	3.9	4.4	2.8	5.5	5.0	7.2	5.2	8.2	4.0	6.6
1.0	0.9	0.9	1.0	0.6	0.6	0.9	1.4	0.7	3.5	0.9	1.1
1.0	1.0	0.9	1.0	0.7	1.3	1.0	1.1	0.5	0.4	0.9	1.1
0.6	0.5	0.5	0.5	0.5	0.8	0.7	1.0	0.7	0.6	0.5	0.8
0.2	0.5	0.5	0.5	0.4	0.6	0.6	0.5	0.5	0.6	0.5	0.5
0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.4	0.2	0.4
1.3	1.1	0.9	1.2	0.4	2.1	1.3	2.7	2.7	5.9	0.9	2.6

Table B-2. **Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

The State Urban and Rural and Size of Place Inside and Outside SMSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Year-round housing units													Occupied housing units						
	Total (number)	Year structure built	Heat- ing equip- ment	Units in struc- ture	Bed- rooms	Kil- chen facil- ities	Bed- rooms	Source of water	Sewage dis- posal	Stor- ies in struc- ture	Pas- senger elevator	Air con- dition- ing	Total (number)	Percent allocations						
														House heat- ing fuel	Water heat- ing fuel	Cook- ing fuel	Year house- holder moved into unit	Vehi- cles avail- able	Tele- phone in housing unit	
The State	332,205	6.4	4.6	11.9	15.3	4.3	4.4	3.5	7.3	3.7	2.4	3.6	294,052	18.7	5.2	2.0	4.6	8.4	2.1	
URBAN AND RURAL AND SIZE OF PLACE																				
Urban	227,226	5.9	4.0	11.0	15.4	3.5	3.6	2.7	4.4	3.0	2.5	2.9	253,798	20.2	4.8	1.8	4.1	7.5	1.9	
Central urban areas	228,145	5.8	3.7	9.7	15.9	2.9	3.2	2.3	3.3	2.7	2.5	2.5	220,678	22.2	4.6	1.7	3.9	6.9	1.8	
Urban fringe	161,593	6.1	4.0	7.7	16.7	3.3	3.6	2.7	4.4	2.9	3.4	2.9	146,013	22.3	4.8	1.9	4.4	7.4	2.0	
Outside urbanized areas	66,640	5.0	2.9	10.3	14.2	2.1	2.2	1.4	2.9	2.0	0.5	1.5	64,663	22.1	4.1	1.4	2.8	6.0	1.4	
Places of 2,500 or more	11,081	6.6	5.6	15.5	13.1	6.3	5.1	4.6	9.6	4.6	2.6	4.6	43,120	10.6	5.9	2.0	5.2	10.4	2.4	
Other rural	19,582	2.8	3.6	11.3	11.6	3.1	3.0	2.2	5.0	1.0	0.8	0.8	18,408	12.2	3.2	1.3	5.8	3.4	1.3	
Places of 1,000 to 2,500	31,719	8.5	6.6	19.3	14.1	8.2	6.5	6.1	12.3	6.0	3.5	6.0	24,712	10.6	5.7	2.3	5.0	11.9	2.7	
Other rural	32,999	8.9	7.7	16.6	14.5	8.6	8.6	7.3	22.7	7.2	1.8	7.6	40,254	9.1	7.6	3.2	7.2	14.0	3.3	
Places of 1,000 to 2,500	13,968	6.8	6.0	15.4	11.9	6.5	7.1	5.3	29.6	5.4	0.8	6.8	10,208	6.8	8.8	2.0	5.2	13.0	2.1	
Other rural	31,997	9.7	8.2	17.0	15.5	9.3	9.1	8.0	20.2	7.9	1.9	7.9	30,046	9.9	7.2	3.6	7.8	14.3	3.8	
Farm	11,412	3.0	1.8	6.5	10.8	1.4	6.9	2.4	2.5	1.9	—	0.8	1,412	6.0	8.0	1.9	8.2	9.6	1.8	
INSIDE AND OUTSIDE SMSA'S																				
Inside SMSA's	250,864	6.1	3.9	10.9	15.9	3.4	3.4	2.6	4.2	2.9	2.4	2.7	230,214	21.4	4.6	1.8	4.0	7.2	1.9	
Urban	241,813	6.0	3.8	10.5	16.0	3.3	3.4	2.5	3.7	2.8	2.5	2.6	222,500	21.7	4.6	1.7	3.9	7.1	1.9	
Control cities	141,865	5.5	4.2	9.8	17.4	3.4	3.8	2.6	3.4	3.0	3.8	3.0	127,139	22.4	5.0	1.9	4.6	7.4	2.1	
Not in central cities	99,948	5.2	3.3	11.5	13.9	3.2	2.7	2.4	4.1	2.6	0.7	2.1	95,361	20.8	4.1	1.5	3.1	6.7	1.6	
Outside SMSA's	9,051	8.6	5.0	20.4	13.8	6.5	5.8	6.1	18.1	6.5	0.5	4.7	7,714	10.6	8.8	2.0	5.2	13.0	2.8	
Outside SMSA's	81,341	7.5	6.7	14.8	13.4	7.2	7.2	6.0	17.0	6.1	2.2	6.4	63,386	9.0	7.3	2.7	6.6	12.9	2.8	
Urban	31,719	5.9	4.9	14.4	11.4	5.1	5.0	4.2	9.2	4.2	2.7	4.3	31,997	9.3	6.4	2.1	5.6	10.6	2.3	
Rural	49,328	8.9	8.2	15.1	14.7	8.9	9.1	7.5	23.6	7.6	1.8	8.2	32,540	8.3	8.1	3.3	7.5	15.0	3.3	
SMSA'S																				
Honolulu, Hawaii	250,864	6.1	3.9	10.9	15.9	3.4	3.4	2.6	4.2	2.9	2.4	2.7	230,214	21.4	4.6	1.8	4.0	7.2	1.9	
Urban	241,813	6.0	3.8	10.5	16.0	3.3	3.4	2.5	3.7	2.8	2.5	2.6	222,500	21.7	4.6	1.7	3.9	7.1	1.9	
Rural	9,051	9.0	5.0	23.6	13.8	6.9	5.8	6.1	18.3	5.1	0.5	4.7	7,714	12.5	5.5	2.8	5.8	9.7	3.4	
URBANIZED AREAS																				
Honolulu, Hawaii	198,895	6.0	3.7	9.7	16.5	2.9	3.3	2.2	3.1	2.6	2.8	2.5	182,516	22.5	4.7	1.7	4.0	6.8	1.8	
Kaliua-Kaneohe, Hawaii	2,243	4.7	3.6	11.0	12.2	3.1	2.7	3.2	4.1	2.7	0.3	2.3	26,162	20.3	3.9	2.0	3.6	7.8	1.8	
PLACES OF 2,500 OR MORE																				
Ahiomama (CDP)	1,859	6.3	8.1	10.9	11.9	3.1	3.7	3.4	4.4	3.8	—	3.6	1,763	17.5	3.7	2.8	3.2	9.2	2.7	
Aiea (CDP)	1,355	3.8	2.4	7.9	13.3	1.6	1.9	1.1	1.9	1.6	1.6	1.8	9,648	20.9	4.9	0.9	3.4	5.3	0.8	
Ewa (CDP)	1,012	5.2	5.4	10.7	15.9	1.5	1.5	1.5	4.1	3.8	1.2	1.5	1,513	23.3	4.2	5.9	3.8	12.8	1.3	
Ewa Beach (CDP)	1,456	5.1	3.1	14.8	23.6	2.5	2.7	1.9	12.3	3.9	—	1.8	3,365	34.8	6.2	2.5	2.7	9.6	1.6	
Honomanu (CDP)	832	3.1	2.2	13.2	7.9	3.7	8.5	0.6	4.3	2.2	—	2.0	827	11.1	3.5	2.9	4.8	11.7	2.2	
Kaliua (CDP)	861	12.5	10.5	18.6	20.2	8.6	10.6	10.5	14.7	8.8	10.3	10.3	17,172	27.7	4.1	4.1	10.5	15.5	7.1	
Halea (CDP)	1,530	3.8	1.7	8.0	12.0	1.3	1.0	—	—	—	—	—	1,522	20.9	2.4	0.7	1.6	5.8	1.2	
Hickam Housing (CDP)	422	4.4	—	—	7.7	3.5	1.5	0.5	0.4	0.2	—	—	1,302	8.4	1.2	0.3	0.5	3.3	0.8	
Kaliua (CDP)	11,763	2.6	2.2	2.0	6.3	2.6	2.6	1.6	5.7	1.6	0.3	1.8	11,191	7.1	3.1	1.9	3.1	13.0	1.9	
Kaliua (CDP)	141,865	6.5	4.2	9.8	17.4	3.4	3.8	2.6	3.4	3.0	3.8	3.0	127,139	22.4	5.0	1.9	4.6	7.4	2.1	
Kaliua Point (CDP)	1,081	6.7	0.6	24.0	2.0	0.6	1.5	0.6	0.6	0.6	—	1.1	1,081	14.0	1.1	0.6	1.5	5.9	0.9	
Ikaolu (CDP)	914	19.4	9.3	24.1	32.4	10.4	8.8	5.7	9.2	7.5	—	9.1	838	8.1	16.3	3.9	5.6	3.3	1.6	
Kaliua (CDP)	3,988	4.7	4.7	3.7	19.5	4.4	4.7	3.5	4.1	3.0	—	3.2	3,822	13.7	4.2	0.7	0.7	5.6	0.3	
Kaliua (CDP), Hawaii County	2,294	4.1	3.0	15.9	8.5	2.6	3.1	4.1	16.6	2.7	—	3.5	1,530	4.2	2.3	2.0	3.2	13.4	2.0	
Kaliua (CDP), Honolulu County	11,117	3.1	2.7	9.9	8.8	2.2	2.3	5.1	5.4	1.9	0.3	1.8	10,642	18.6	4.5	2.3	4.3	8.5	2.5	
Kaliua (CDP)	11,763	2.6	2.2	2.0	6.3	2.6	2.6	1.6	5.7	1.6	0.3	1.8	11,191	7.1	3.1	1.9	3.1	13.0	1.9	
Kaneohe (CDP)	8,523	3.8	3.5	8.9	14.4	2.9	2.3	1.3	1.6	3.2	0.8	2.4	8,214	24.8	3.0	1.3	2.5	5.9	0.8	
Kapaa (CDP)	1,870	17.5	15.9	30.9	21.3	15.3	15.2	15.2	19.1	15.3	—	15.0	14.5	13.3	7.3	2.7	10.0	15.3	2.2	
Kekaha (CDP)	969	7.0	3.0	5.8	8.4	5.8	1.5	1.6	5.7	3.0	—	1.5	919	2.9	3.1	1.9	3.1	17.1	1.3	
Kihei (CDP)	5,099	7.2	6.4	21.1	8.8	7.1	5.7	6.3	8.8	6.1	11.8	5.5	1,936	5.8	9.2	0.6	2.5	7.7	1.5	
Lahaina (CDP)	2,139	18.3	17.7	21.3	25.0	17.3	17.6	12.0	17.5	12.7	9.3	16.4	1,978	22.1	12.5	8.9	12.2	20.7	9.3	
Lane (CDP)	899	6.0	2.9	18.9	35.9	6.6	4.6	5.8	14.2	1.8	—	3.6	823	12.1	11.1	3.3	3.6	10.3	1.7	
Lanikai (CDP)	1,517	3.2	0.9	11.1	16.0	1.3	1.6	1.6	1.8	0.5	0.6	1.8	1,389	6.1	2.6	0.7	0.7	5.6	0.3	
Mali (CDP)	1,276	17.9	9.9	20.0	12.7	9.9	7.8	7.9	8.7	13.2	0.7	8.9	1,264	12.3	1.4	—	3.6	22.5	3.2	
Makaha (CDP)	3,192	13.8	11.1	28.5	21.9	24.1	11.2	11.6	18.0	11.6	6.0	10.3	2,010	8.7	6.5	3.9	5.9	8.5	3.3	
Makaha (CDP)	1,643	10.6	3.0	1.5	14.5	6.9	5.4	1.5	1.6	5.7	3.0	1.5	2,136	5.3	2.6	0.7	1.2	4.4	1.4	
Makawao (CDP)	980	10.4	9.6	14.5	16.8	8.6	8.6	9.4	13.3	8.6	—	8.6	885	6.9	5.5	3.7	7.8	18.6	3.7	
Manawao (CDP)	1,423	1.5	0.8	3.4	9.9	1.4	0.6	—	—	—	—	—	1,407	13.7	4.3	0.6	0.6	4.7	0.4	
Makapuu (CDP)	9,607	2.2	2.6	6.9	6.9	2.9	2.9	0.6	0.6	0.6	0.6	0.6	9,689	2.9	2.9	2.9	2.9	2.9	2.9	
Mekapuu (CDP)	1,889	7.9	2.0	24.4	4.8	4.2	2.3	1.9	2.0	1.8	—	1.6	1,854	12.4	4.2	2.7	4.2	8.7	2.0	
Nanukuli (CDP)	1,898	4.0	3.2	15.8	14.5	4.8	2.3	1.5	11.1	1.9	1.3	1.7	1,828	11.4	4.8	1.6	4.9	6.1	1.6	
Pearl City (CDP)	1,362	2.5	2.9	7.7	15.5	1.3	1.1	0.9	1.4	1.8	0.1	0.8	1,139	26.6	5.1	1.1	1.4	4.7	0.6	
Pala (CDP)	1,054	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1,179	2.9	2.9	2.9	2.9	2.9	2.9	
Schofield Barracks (CDP)	3,583	7.2	3.1	13.2	2.6	1.5	1.5	1.3	2.5	0.5	—	1.1	3,415	14.4	2.3	0.6	1.8	5.8	1.5	
Waianae (CDP)	5,466	5.2	1.5	7.7	13.4	1.6	3.2	1.0	2.0	1.6	0.4	0.9	5,367	23.8	2.9	1.1	4.3	5.0	1.9	
Waipahu (CDP)	1,378	3.0	1.5	14.5	9.9	5.4	5.4	4.9	14.7	4.9	0.4	1.5	1,102	3.1	3.1	3.1	3.1	6.4	1.3	
Waianae (CDP)	2,081	8.5	7.0	24.2	20.6	4.2	4.7	4.8	7.8	4.7	3.4	3.8	1,943	30.9	5.8	1.8	4.0	11.6	0.7	
Waipahu (CDP)	3,611	4.3	2.7	11.5	16.1	3.1	4.2	2.3	4.0	2.9	1.1	2.4	3,385	7.0	7.0	0.6	8.6	8.9	1.6	
Waipahu (CDP)	1,023	8.0	6.3	16.4	31.7	6.5	6.0	6.0	6.0	6.1	—	6.1	791	30.8	1.3	2.7	3.5	6.4	1.3	
Waipahu (CDP)	7,980	8.5	9.0	16.7	19.7	6.5	5.4	4.5	14.7	6.1	—	4.5	949	30.8	8.0	5.5	13.0	18.0	1.4	
Waipahu (CDP)	1,121	8.7	2.6	8.0	22.8	2.2	2.5	1.5	2.9	2.0	0.8	1.3	6,939	27.8	3.5	0.9	3.2	7.3	2.4	
Waipahu Acres (CDP)	1,433	3.1	2.7	6.8	11.8	2.6	1.5	1.5	2.4	0.5	6.3	0.8	1,359	24.5	1.3	1.1	5.0	6.6	1.5	
COUNTIES																				
Hawaii	33,969	6.7	6.3	10.9	12.5	6.9	7.0	5.7	11.7	5.6	0.3	6.0	29,237	7.0	6.3	3.3	6.7	12.6	3.4	
Honolulu	250,																			

Appendix A.—Area Classifications

STATES	A-1
COUNTIES	A-1
PLACES	A-1
Incorporated Places	A-1
Census Designated Places	A-1
Towns/Townships	A-2
URBAN AND RURAL	
RESIDENCE	A-2
Farm-Nonfarm Residence	A-2
Extended Cities	A-2
URBANIZED AREAS	A-2
Definition	A-2
Urbanized Area Titles	A-3
Urbanized Area Central Cities ..	A-3
STANDARD METROPOLITAN	
STATISTICAL AREAS	A-3
Definition	A-3
SMSA Titles	A-3
New SMSA Standards	A-3
STANDARD CONSOLIDATED	
STATISTICAL AREAS	A-4
RELATIONSHIP BETWEEN	
URBANIZED AREAS AND	
METROPOLITAN AREAS	A-4
AMERICAN INDIAN	
RESERVATIONS	A-4
ALASKA NATIVE VILLAGES ..	A-4
BOUNDARY CHANGES	A-5
AREA MEASUREMENTS	A-5

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

COUNTIES

In most States, the primary divisions are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the county equivalents are the organized boroughs together with the "census areas" which were developed for general statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Mis-

souri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for census purposes.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below.

In this report, central cities of standard metropolitan statistical areas, regardless of population, are shown only in the tables designated "... for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000. Places with a 1980 population below 2,500 are not shown in this report.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six New England States, New York, and Wisconsin. The towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as Minor Civil Divisions (MCD's) for census purposes; the boroughs in Alaska are county equivalents.

Some incorporated places include narrow strips of land (frequently only the rights-of-way of streets) which typically have no population or housing units. These areas, termed "corporate corri-

dors," are generally not shown on the maps or in the tables of 1980 census reports. The existence of these areas is indicated in the footnotes to table 4 in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants, PC80-1-A*.

In Connecticut, a unique situation exists in which one incorporated place (Woodmont borough) is subordinate to another (Milford city). The city of Milford is coextensive with the town of Milford. In the tables for the Connecticut report in this series and other series of 1980 census reports, data shown for Milford city exclude those for Woodmont borough, and the user must therefore refer to data for Milford town (which include those for the borough) for data for Milford city.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place." To be recognized for the 1980 census, CDP's must have a minimum 1980 population as follows:

Area	Minimum CDP population
Alaska	25
Hawaii	300
All other States:	
Inside urbanized areas:	
With one or more cities of 50,000 or more	5,000
With no city of 50,000 or more	1,000
Outside urbanized areas	1,000

Hawaii is the only State with no incorporated places recognized by the

Bureau of the Census. All places shown for Hawaii in the 1980 census reports are CDP's. Honolulu CDP essentially represents the Honolulu Judicial District. The city of Honolulu, coextensive with the county of Honolulu, is not recognized for census purposes.

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision map in the HC80-1-A, *General Housing Characteristics*, report for this State. Detailed maps are available for purchase from the Census Bureau.

Towns/Townships

For 11 States, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), a series of tables paralleling those for places and identified with an "a" suffix present data for towns/townships of 2,500 or more inhabitants. In these States, towns/townships with coextensive census designated places (CDP's) are shown only as towns or townships in this report.

URBAN AND RURAL RESIDENCE

As defined for the 1980 census, urban housing comprises all housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban housing consists of all housing units in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those housing units in the rural portions of extended cities; (2) census designated places of 2,500 or more inhabitants; and (3) other territory, incorporated or unincorporated, included in urbanized areas. Housing units not classified as urban constitute rural housing. Information on the historical development of the urban-rural residence definition appears in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A.

Farm-Nonfarm Residence

In rural areas, occupied housing units are subdivided into rural-farm housing, which comprises all rural units on farms, and rural-nonfarm housing, which comprises the remaining rural units. Occupied housing units are classified as farm units if the place is of one acre or more and sales of farm products amounted to \$1,000 or more in 1979. (See facsimiles of questionnaire items H15a and H15b and respondent instructions in appendix E.)

Occupied units in rural territory which do not meet the definition for farm housing are classified as nonfarm. All vacant units in rural areas also are classified as nonfarm. Information on nonfarm housing units is not shown separately in this report. It may, however, be obtained by subtracting rural farm from rural.

The definition of farm has changed since the 1970 census. In 1970, a farm was defined as a place of 10 or more acres with sales of farm products of \$50 or more or a place on less than 10 acres with sales of \$250 or more. A report in the 1980 Census of Population Supplementary Report, Series PC80-S1, is planned which will provide 1980 counts of the farm population using the 1970 definition of farm.

Extended Cities

Since 1960 there has been an increasing trend toward the extension of city boundaries to include territory essentially rural in character. The classification of all housing units of such cities as urban would include in the urban category housing units in areas which are primarily rural in character. For the 1970 and 1980 census, in order to separate these housing units from those in the closely settled portions of such cities, the Bureau of the Census classified as rural a portion or portions of each such city that was located in an urbanized area. To be treated as an extended city, a city must contain one or more areas that are each at least 5 square miles in extent and have a population density of less than 100 persons per square mile. The area or areas must constitute at least 25 percent of the land area of the legal city or include at least 25 square miles. These areas are excluded from the urbanized area.

Those cities designated as extended cities thus consist of an urban part and a

rural part. In the tables of this report, data for the urban part are shown separately following the data for the entire city. Only the urban part is considered to be the central city of an urbanized area. However, the term "central city" as used for SMSA's refers to the entire population and housing units within the legal boundaries of the city.

URBANIZED AREAS

Definition

The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural housing in the vicinity of large cities. An urbanized area consists of a central city or cities, and surrounding closely settled territory or "urban fringe."

The following criteria are used in determining the eligibility and definition of the 1980 urbanized areas:¹

An urbanized area comprises an incorporated place² and adjacent densely settled surrounding area that together have a minimum population of 50,000.³ The densely settled surrounding area consists of:

1. Contiguous incorporated places or census designated places having:
 - a. A population of 2,500 or more; or,
 - b. A population of fewer than 2,500 but having a population density of 1,000 persons per square mile, a closely settled area containing a minimum of 50 percent of the population, or a cluster of at least 100 housing units.
2. Contiguous unincorporated area which is connected by road and has a population density of at least 1,000 persons per square mile.⁴

¹All references to population counts and densities relate to data from the 1980 census.

²In Hawaii, incorporated places do not exist in the sense of functioning local governmental units. Instead, census designated places are used in defining a central city and for applying urbanized area criteria.

³The rural portions of extended cities, as defined in the Census Bureau's extended city criteria, are excluded from the urbanized area. In addition, for an urbanized area to be recognized, it must include a population of at least 25,000 that does not reside on a military base.

⁴Any area of extensive nonresidential urban land use, such as railroad yards, airports, factories, parks, golf courses, and cemeteries, is excluded in computing the population density.

3. Other contiguous unincorporated area with a density of less than 1,000 persons per square mile, provided that it:

- a. Eliminates an enclave of less than 5 square miles which is surrounded by built-up area.
- b. Closes an indentation in the boundary of the densely settled area that is no more than 1 mile across the open end and encompasses no more than 5 square miles.

c. Links an outlying area of qualifying density, provided that the outlying area is:

- (1) Connected by road to, and is not more than 1½ miles from, the main body of the urbanized area.
- (2) Separated from the main body of the urbanized area by water or other undevelopable area, is connected by road to the main body of the urbanized area, and is not more than 5 miles from the main body of the urbanized area.

4. Large concentrations of nonresidential urban area (such as industrial parks, office areas, and major airports), which have at least one-quarter of their boundary contiguous to an urbanized area.

A map of each urbanized area in this State appears in the 1980 Census of Housing report for this State, HC80-1-A, *General Housing Characteristics*.

Urbanized Area Titles

1. The titles of urbanized areas existing prior to the 1980 Census of Population and Housing are retained unchanged except for mergers and for those areas meeting items 4 and/or 5 of the titling criteria.

2. The titles of new urbanized areas qualifying as the result of the 1980 census are determined as follows:

- a. The name of the incorporated place with the largest population in the urbanized area is always listed.
- b. The names of up to two additional incorporated places may be listed, with eligibility determined as follows:

- (1) Those with a population of at least 250,000.

(2) Those with a population of 15,000 to 250,000, provided that they are at least one-third the population of the largest place in the urbanized area.

3. Area titles that include the names of more than one incorporated place start with the name of the largest and list the others in descending order of their population.

4. In addition to incorporated place names, the titles contain the name of each State into which the urbanized area extends.

5. Regional titles may be used to identify urbanized areas with populations over 1 million, in which case only the largest city of the urbanized area is included in the title.

Urbanized Area Central Cities

The central cities of urbanized areas are those named in the titles except where regional titles are used. In such cases, the central cities are those that have qualified under items 1 or 2 of the titling criteria.

Counts and data for central cities of urbanized areas refer to the urban portion of these cities, thus excluding the rural portions of extended cities, as discussed above.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the inter-agency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area

with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing. The housing in SMSA's is subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the nonmetropolitan housing.

SMSA Titles

Most SMSA's have at least one central city. The titles of SMSA's include up to three city names, as well as the names of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's, with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

In this report, central cities of SMSA's, regardless of population, are shown only in the tables designated "... for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the basis of population estimates but whose qualification

was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

The new standards will not be applied to the areas existing on January 1, 1980, until after data on commuting flows become available from 1980 census tabulations. At that time, the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

STANDARD CONSOLIDATED STATISTICAL AREAS

In some parts of the country, metropolitan development has progressed to the point that adjoining SMSA's are themselves socially and economically interrelated. These areas are designated standard consolidated statistical areas (SCSA's) by the Office of Management and Budget, and are defined using standards included as part of the new SMSA standards described above.

RELATIONSHIP BETWEEN URBANIZED AREAS AND METROPOLITAN AREAS

Although the urbanized area and the metropolitan area are closely related in concept, there are important differences. The urbanized area has a more limited territorial extent. The urbanized area consists of the physically continuously built-up territory around each larger city and thus corresponds generally to the core of high and medium population density at the heart of the metropolitan area. In concept, a metropolitan area is always larger than its core urbanized area, even if the metropolitan area is defined in terms of small building blocks, because it includes discontinuous urban and suburban development beyond the periphery of the continuously built-up area. The metropolitan area may also include some rural territory whose residents commute to work in the city or its immediate environs, while the urbanized area does not include such territory. In practice, because the SMSA definitions use

counties as building blocks, considerable amounts of rural territory with few commuters are often included. However, even in New England, where cities and towns are used as building blocks, SMSA's are generally much larger in extent than their core urbanized areas.

It sometimes occurs, because of boundary anomalies, that a portion of the urbanized area extends across the SMSA boundary into a nonmetropolitan county or another SMSA. However, such portions are usually quite small in area and population.

The new standards provide that each SMSA be associated with an urbanized area. However, the reverse is not true—there are some urbanized areas that are not in any SMSA. This situation occurs when an urbanized area does not qualify as an SMSA of at least 100,000 population (75,000 in New England), and the urbanized area has no city with at least 50,000 population.

In addition, some SMSA's contain more than one urbanized area. This occurs when:

1. Two or more urban concentrations not far apart and of generally similar size have separate urbanized areas but qualify as a single SMSA (e.g., Greensboro, High Point, and Winston-Salem, North Carolina). Often the SMSA title includes the name of the largest city or each of the component urbanized areas.
2. A very large SMSA includes a large urbanized area and one or more smaller separate urbanized areas within its boundaries. Examples are the separate urbanized areas around Joliet, Aurora, and Elgin within the Chicago SMSA.

AMERICAN INDIAN RESERVATIONS

American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order. The reservations and their boundaries were identified for the 1980 census by the Bureau of Indian Affairs and State governments. Federal and State reservations are located in 33 States and may cross State, county, minor civil division/census county division, and place bound-

aries. In this report, tribal trust lands outside the boundaries of reservations (off reservation) are not included as part of the reservations.

Preliminary evaluation of the 1980 census data suggest that counts for a few reservations may be subject to certain limitations or nonsampling errors. Although the various field and computer operations undergo a number of quality control checks to ensure accuracy of the data, available evidence indicates that nonsampling errors are substantial for a small number of reservations. Additional evaluation of the counts for reservations will be done when more information is available and a fuller explanation will be presented in 1980 census subject reports on the American Indian population.

Data on 115 American Indian reservations were published in the 1970 census subject report, *American Indians*, PC(2)-1F. However, 1980 data may not be comparable to 1970 data because of boundary changes, improvements in geographic identification, enumeration techniques, etc., made for the 1980 census. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports.

ALASKA NATIVE VILLAGES

Alaska Native villages constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska which were listed in sections 11 and 16 of the Alaska Native Claims Settlement Act, Public Law 92-203, or which met the requirements of the act, and which the Secretary of Interior determined were, on the 1970 census enumeration date (April 1), composed of 25 or more Alaska Natives. This list was reviewed and updated for the Census Bureau by the State of Alaska prior to the 1980 census, to identify specifically only those entities that were recognized legally as Alaska Native villages.

Data on certain Alaska Native villages are not available from previous censuses. Some cities and "unincorporated places" (referred to as "census designated places" in 1980) which were identified in the 1970 census may, however, correspond to 1980 Alaska Native villages, but may not have identical boundaries. Names and

locations of Alaska Native villages may be found on the county subdivision map in the HC80-1-A, *General Housing Characteristics*, report for Alaska.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this report have changed

between an earlier census and January 1, 1980. Information on boundary changes for counties, county subdivisions, and incorporated places is presented in table 4 of the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENTS

Area measurement figures for counties and county equivalents are available in table 2 of the PC80-1-A State reports. Area figures for standard metropolitan statistical areas, urbanized areas, places of 2,500 or more, and, in 11 States, MCD's of 2,500 or more, can be found in PC80-1-A, United States Summary.



Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL. B-1

LIVING QUARTERS. B-1

 Housing Units. B-1

 Comparability With 1970

 Census Housing Unit Data B-2

 Group Quarters. B-2

 Comparability With 1970

 Group Quarters Data B-2

 Rules for Hotels, Rooming

 Houses, Etc. B-2

 Staff Living Quarters B-2

 Year-Round Housing Units B-2

OCCUPANCY AND VACANCY

CHARACTERISTICS. B-2

 Occupied Housing Units B-2

 Householder. B-2

 Persons in Occupied Housing

 Units. B-2

 Year Householder Moved

 Into Unit. B-2

 Vacant Housing Units. B-3

 Type of Vacant Unit B-3

 Vacancy Status B-3

 Duration of Vacancy B-3

 Tenure B-3

 Race of Householder B-3

 Comparability Between Sample

 and 100-Percent Data for Race

 of Householder B-4

 Comparability With 1970

 Census Data on Race of

 Householder B-4

 Spanish/Hispanic Origin of the

 Householder B-5

 Limitations of the Data on

 Householders of Spanish/

 Hispanic Origin B-5

 Comparability Between Sample

 and 100-Percent Data on

 Householders of Spanish/

 Hispanic Origin B-5

 Comparability With 1970

 Census Data on Householders

 of Spanish/Hispanic Origin B-5

UTILIZATION CHARACTER-

ISTICS B-6

 Persons B-6

 Rooms B-6

 Persons Per Room B-6

 Bedrooms B-6

STRUCTURAL CHARACTER-

ISTICS B-6

 Year Structure Built. B-6

 Units in Structure B-6

 Stories in Structure B-6

 Passenger Elevator. B-6

PLUMBING CHARACTER-

ISTICS B-6

 Plumbing Facilities B-6

 Comparability With 1970

 Census Plumbing Facilities

 Data B-6

 Bathrooms B-6

 Source of Water B-7

 Sewage Disposal B-7

EQUIPMENT AND FUELS. B-7

 Kitchen Facilities B-7

 Heating Equipment B-7

 Comparability With 1970

 Census Heating Equipment

 Data B-7

 Air-Conditioning B-7

 Vehicles Available B-7

 Comparability With 1970

 Census Automobiles

 Available Data. B-7

 Telephone in Housing Unit B-7

 Comparability With 1970

 Census Telephone Available

 Data B-8

 Fuels Used for House Heat-

 ing, Water Heating, and

 Cooking. B-8

FINANCIAL CHARACTER-

ISTICS B-8

 Value B-8

 Mortgage Status and Selected

 Monthly Owner Costs. B-8

 Rent B-8

 Income in 1979. B-8

 Comparability With 1970

 Census Income Data. B-9

 Poverty Status in 1979. B-9

GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their

telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room, occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a

single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the person listed in column 1 of the census ques-

naire, or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Group Quarters Data—In 1970, a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports. In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences in the number shown for households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Persons in Occupied Housing Units—"Persons in occupied housing units" is the total population less those persons living in group quarters. "Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units. Data are also presented separately for the population in owner-occupied and in renter-occupied housing units.

Year Householder Moved Into Unit—Data presented for this item are based on the information reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy

by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time. (See question H19 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements, i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Type of Vacant Unit—Vacant housing units are classified in this report as either "Seasonal and migratory" or "Year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins; units offered to vacationers in the summer for summer sports or in the winter for winter sports; and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered as year-round. A unit used only occasionally throughout the year is also considered as year-round.

Vacancy Status—The data on vacancy status were tabulated from responses to

questionnaire item C (see item C in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages"). Year-round vacant units are subdivided according to their vacancy status as follows:

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Other vacants. If a vacant year-round unit is not "For sale only" or "For rent," it is classified in the category "Other vacants" in this report. This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner, as well as units rented or sold, awaiting occupancy, and units held for occasional use.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. (See item D in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent. (See question H8 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Race of Householder—The data on race of householder were derived from answers to question 4, for the person listed in column 1. (See Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.")

The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used. If a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The categories "American Indian," "Eskimo," and "Aleut" include persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian and Pacific Islander" in this report includes persons who indicated their race as Japanese, Chinese, Filipino, Korean, Vietnamese,

Asian Indian, Hawaiian, Guamanian, Samoan, as well as persons who answered the "Other" race category and provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fiji Islander under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Niponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category, "Race, n.e.c." (Race, not elsewhere classified) includes all other persons not included in the categories (White, Black, American Indian, Eskimo, Aleut, and Asian and Pacific Islander) mentioned above. For example, householders reporting the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During sample coding operations each of the subgroups comprising "Race, n.e.c." was identified separately. Plans were to provide figures for the component groups in subsequent 1980 Census of Population reports.

If the race entry was missing on the questionnaire for the householder, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of Householder—The data for race of householder shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, non-sampling error, and an additional edit and review performed on the sample questionnaires. The data in this report are based on a sample whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample

data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

During the sample processing, the responses in the race question underwent more extensive review and edit than performed during the previous processing stages. Additional efforts were made to assign write-in entries to specific race categories and to resolve inconsistent and incomplete responses. The impact of this further work varies substantially by racial group and by geographic area, but is generally negligible. Most affected is the "Other" race category since a number of householders originally counted therein in the 100-percent tabulations were shifted into specific race categories in the sample tabulations. For instance, a number of householders who marked the "Other" race category supplied a write-in entry (e.g., Canadian, Polish, Lebanese, Black Puerto Rican, or Jamaican) which indicated that they belonged in one of the specific race categories. Furthermore, householders in the "Other" category reported as Cambodian, Laotian, Thai, etc., were combined into a "Other Asian and Pacific Islander" category which, together with the specific Asian and Pacific Islander categories (e.g., Japanese, Chinese, Filipino, etc.), covers the entire Asian and Pacific Islander population. This total is obtainable only from the sample tabulations, not from the 100-percent tabulations.

Information now available indicates that, since the effects of the additional review and edit were generally limited and rather varied, the 100-percent tabulations are usually the preferable source for comparable data for racial groups. That is, in the case of figures available for racial groups, both in this report and the corresponding HC80-1-A report for this State, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.) and data for the entire Asian and Pacific Islander population, the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Race of Householder—Differences

between 1980 and 1970 census counts by race seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and comparability for the "White" population and the "Race, n.e.c." or "Other" race population (shown as "All other races" in most 1970 census publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 count for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietna-

mese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 Census; in 1970, most of these groups were included in the "Other" race category.

In 1980 data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for the Hawaiian and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 (see Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages").

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origins is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc.

Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish

origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary Report, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this

report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and the corresponding HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish/Hispanic Origin—The 1980 figures on Spanish origin are not directly comparable with those of 1970 because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanic over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No, (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respond-

ents misinterpreted the category; furthermore, the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms. (See question H7 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms.

On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom. (See question H24 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration. (See question H18 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. Structures containing only one housing unit are further classified as detached or attached. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (See question H13 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes. (See question H14a in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. Housing units in structures with an elevator used only for

freight are not included in the category "With elevator." (See question H14b in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present. (See question H6 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

Bathrooms—A complete bathroom is a room with a flush toilet, bathtub or shower, and a wash basin with piped hot and cold water for the exclusive use of the occupants of the housing unit. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and complete plumbing facilities for the exclusive use of the household.) A half-bathroom has at least a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom. The equipment must be inside the unit being enumerated. The category "No bathroom or only a half bath" consists of units with no bathroom facilities, units with only a half-bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units. (See question H25 in Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.”)

Source of Water—Housing units may receive their water supply from a number of sources. A common source supplying water to six or more units is classified as a “Public system or private company.” The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to six or more housing units. If the water is supplied from a well serving five or fewer housing units, the units are classified as having water supplied by either an individual drilled well or an individual dug well. The category, “Some other source,” includes water obtained from springs, creeks, rivers, lakes, cisterns, etc. (See question H16 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Sewage Disposal—Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are also classified as public sewers. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, “Other means,” includes housing units which dispose of sewage in some other way. (See question H17 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

EQUIPMENT AND FUELS

Kitchen Facilities—A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An ice box is not considered to be a mechanical refrigerator. (See question H23 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Heating Equipment—Housing units use specific types of heating equipment as their primary source of heat. The categories for types used are: (1) a steam or hot water system; (2) a central warm-air furnace with ducts to the individual rooms; (3) an electric heat pump; (4) other built-in electric units which are permanently installed in the floors, walls, ceilings, or baseboards, and are a part of the electrical installation of the building; (5) a floor, wall, or pipeless furnace; (6) room heaters with flue or vent that burn gas, oil, or kerosene; (7) nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and (8) fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit. (See question H20 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Comparability With 1970 Census Heating Equipment Data—In 1970, central heat pumps were included as part of the category “Warm-air furnace” and individual room heat pumps were included in the category “Built-in electric units.” In 1980, heat pumps have been combined into one category “Electric heat pump.”

Air-Conditioning—“Air-conditioning” is defined as the cooling of air by refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air-conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air-conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air-conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room. (See question H27 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of 1-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more, police and government cars kept at home, and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and vans and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles. (See questions H28 and H29 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

In this report, selected tables present the number of households with automobiles available separately from the number of households with trucks or vans. The figures do not add to the total number of vehicles available because a household may be counted in both categories. For example, a household may have an automobile as well as a truck or van available for use by household members and, thus, be included in the count of households with automobiles and in the count of households with trucks or vans available.

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but excludes pickups or larger trucks. Separate data were obtained in 1980 on the number of households with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Telephone in Housing Unit—A unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone

located inside the building but not in the respondent's living quarters are classified as having no telephone. (See question H26 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Telephone Available Data—In 1970, the question on telephone availability was collected on a 100-percent basis. A housing unit was classified as having a telephone if the household had a telephone on which it could be called, whether it was in another unit, in a common hall, in another building, or shared by another household. For 1980, for a housing unit to be classified as having a telephone, the telephone had to be inside the respondent's living quarters.

Fuels Used for House Heating, Water Heating, and Cooking—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other fuel" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood. For data on cooking fuel, the category "Other" includes fuel oil, kerosene, coal or coke, wood, as well as coal dust, briquettes, etc. (See question H21 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale. For vacant units, value is the price asked for the property. (See question H11 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") Value and price asked are tabulated separately for certain kinds of housing units. Value statistics are presented for specified owner-occupied hous-

ing units and specified vacant for sale only housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universe is the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Mortgage Status and Selected Monthly Owner Costs

—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). (See questions H30, H31, and H32 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Rent—This report presents statistics on rent for "Specified renter-occupied" housing units which include renter-occupied units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises.

Contract Rent—In this report, only median contract rent for specified renter-occupied housing units and median rent asked for specified vacant for rent housing units in rural areas are shown. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities,

or services that may be included. For vacant units, it is the rent asked for the unit at the time of enumeration. (See question H12 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Gross Rent—The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. "Gross rent" is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. (See questions H12 and H22 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Income in 1979—In this report, only median household income is presented. The median income is the amount which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. The median income is based on the distribution of the total number of households including those with no income. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through Pareto interpolation. For a detailed description of these interpolation procedures, see appendix B to the Current: Population Reports, Series P-60, No. 129, *Money Income of Families and Persons in the United States: 1979*.

The data on income in 1979 were derived from answers to questions 32 and 33. Information on money income received in the calendar year 1979 was requested from persons 15 years old and over. "Total income" is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social

Security or Railroad Retirement income; public assistance or welfare income; and all other income before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employees' contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the characteristics of persons and the composition of households and families refer to the time of enumeration (April 1, 1980). However, the composition of most families was the same during 1979 as in April 1980.

There may be differences between the data on household income in 1979 in this report and similar data shown in the

PHC80-3, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, and in the PHC80-S2, *Supplementary Report, Advance Estimates of Social, Economic, and Housing Characteristics*. Any such differences are the result of errors corrected after the release of the PHC80-3 and PHC80-S2 reports.

Comparability With 1970 Census Income Data—In 1970 the statistics on income related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population report, *General*

Social and Economic Characteristics, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary by size of family, number of children, and age of the family householder or unrelated individual. The thresholds used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census, the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population report, *General Social and Economic Characteristics*, PC80-1-C.



Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE.	C-1
Armed Forces.	C-1
Crews of Merchant Vessels	C-1
Persons Away at School	C-1
Persons in Institutions	C-1
Persons Away From Their Residence on Census Day	C-1
Americans Abroad.	C-2
Citizens of Foreign Countries.	C-2
DATA COLLECTION PROCEDURES.	C-2
PROCESSING PROCEDURES.	C-2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

INTRODUCTION	D-1
SAMPLE DESIGN	D-1
ERRORS IN THE DATA	D-1
Calculation of Standard Errors	D-2
Totals and Percentages	D-2
Differences	D-2
Medians	D-2
Confidence Intervals	D-2
Use of Tables to Compute	D-3
Standard Errors	D-3
ESTIMATION PROCEDURE	D-4
CONTROL OF NONSAMPLING	D-6
ERROR	D-6
Undercoverage	D-6
Respondent and Enumerator	D-6
Error	D-6
Processing Error	D-6
Nonresponse	D-6
EDITING OF UNACCEPTABLE	D-6
DATA	D-6
ALLOCATION TABLES	D-7

INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the United States were enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other places, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small places. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In about 95 percent of the country the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator systematically canvassed the area and listed

all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex operations used to collect and process census data. For example, operations

such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to underreport their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A–D (or E) in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D (or table E). The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D (or table E) and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{Se_x^2 + Se_y^2}$$

This method, however, will underestimate (overestimate) the stand-

ard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D (or E). Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated

characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard

errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

Table 87 shows that for Hilo (CDP) 11,385 housing units out of 11,763 housing units had no air conditioning. Table D of this appendix lists Hilo (CDP) with a percent in sample of 15.9 percent ("Housing units" column). Table C lists the adjustment factor for the characteristic "Air conditioning." The column that gives the range which includes 15.9 percent in sample shows the adjustment factor to be 1.5 for "Air conditioning."

The unadjusted standard error for the estimated total 11,385 is obtained from table A. In order to avoid interpolation, the use of the formula will be demonstrated here. The formula for the unadjusted standard error, Se , is:

$$Se = \sqrt{5(11,385) \left(1 - \frac{11,385}{11,763}\right)} = 43 \text{ housing units.}$$

Note: The total number of year-round housing units for Hilo (CDP) was 11,763.

The standard error of the estimated 11,385 housing units with no air conditioning is found by multiplying the unadjusted standard error 43 by the adjustment factor, which was determined to be 1.5. This yields the estimated standard error of 65 for the total housing units with no air conditioning in Hilo (CDP).

The estimated percent of housing units with no air conditioning is 96.8. From table B, the unadjusted standard error is found to be 0.36. Thus, the standard error for the estimated 96.8 percent of housing units with no air conditioning is $0.36 \times 1.5 = 0.54$.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner

are approximate. Calculations can be expressed to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than one decimal place when the estimated standard error is one percentage point (i.e., 1.0) or more.

In the previous example, the standard error of the 11,385 housing units with no air conditioning in Hilo (CDP) was found to be 65. Thus, a 95-percent confidence interval for this estimated total is found to be:

$$\begin{aligned} & [11,385 - 2(65)] \text{ to } [11,385 + 2(65)] \\ & \text{or} \\ & 11,255 \text{ to } 11,515. \end{aligned}$$

One can say with about 95-percent confidence that this interval includes the value that would have been obtained by averaging the results from all possible samples.

The calculation of standard errors and confidence intervals will be illustrated when a difference of two sample estimates is obtained. For example, the number of housing units with no air conditioning in Kaneohe (CDP) was 7,756, and the total number of housing units was 8,523. Thus, the percentage of housing units with no air conditioning was 91.0. The unadjusted standard error from table B is 0.69 percent. Table D lists Kaneohe (CDP) with a percent in sample of 15.8. From table C, the column that gives the range which includes 15.8 percent in sample shows the adjustment factor to be 1.5 for "Air conditioning." Thus, the approximate standard error of the percentage (91 percent) is $0.69 \times 1.5 = 1.04$.

Suppose that one wishes to obtain the standard error of the difference between Kaneohe (CDP) and Hilo (CDP) of the percentages of housing units with no air conditioning.

The difference in the percentages of interest for the two (CDP's) is:

$$96.8 - 91.0 = 5.8 \text{ percent.}$$

Using the results of the previous example:

$$\begin{aligned} Se(5.8) &= \sqrt{Se(96.8)^2 + Se(91.0)^2} \\ &= \sqrt{(0.54)^2 + (1.04)^2} \\ &= 1.17 \text{ percent.} \end{aligned}$$

The 95-percent confidence interval for the difference is formed as before:

$$[5.8 - 2(1.17)] \text{ to } [5.8 + 2(1.17)]$$

or

$$3.5 \text{ to } 8.1.$$

One can say with 95-percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons the first stage employed 17 household type

groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group Persons in Housing Units With a Family With Own Children Under 18

- | | |
|---|-----------------------------------|
| 1 | 2 persons in housing unit |
| 2 | 3 persons in housing unit |
| 3 | 4 persons in housing unit |
| 4 | 5 to 7 persons in housing unit |
| 5 | 8 or more persons in housing unit |

Persons in Housing Units With a Family Without Own Children Under 18

- | | |
|------|---|
| 6-10 | 2 persons in housing unit through 8 or more persons in housing unit |
|------|---|

Persons in All Other Housing Units

- | | |
|-------|---|
| 11 | 1 person in housing unit |
| 12-16 | 2 persons in housing unit through 8 or more persons in housing unit |
| 17 | Persons in group quarters |

Stage II—Householder/Nonhouseholder

Group

- | | |
|---|--|
| 1 | Householder |
| 2 | Nonhouseholder (including persons in group quarters) |

Stage III—Age/Sex/Race/Spanish Origin

Group White Race Persons of Spanish Origin Male

- | | |
|---|--------------------------|
| 1 | 0 to 4 years of age |
| 2 | 5 to 14 years of age |
| 3 | 15 to 19 years of age |
| 4 | 20 to 24 years of age |
| 5 | 25 to 34 years of age |
| 6 | 35 to 44 years of age |
| 7 | 45 to 64 years of age |
| 8 | 65 years of age or older |

Female

- | | |
|------|--------------------------------------|
| 9-16 | Same age categories as groups 1 to 8 |
|------|--------------------------------------|

Persons Not of Spanish Origin

- | | |
|-------|--|
| 17-32 | Same age and sex categories as group 1 to 16 |
|-------|--|

Black Race

- | | |
|-------|--|
| 33-64 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

Asian, Pacific Islander Race

- | | |
|-------|--|
| 65-96 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

Indian (American) or Eskimo or Aleut Race

- | | |
|--------|--|
| 97-128 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|--------|--|

Other Race (includes those races not listed above)

- | | |
|---------|--|
| 129-160 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|---------|--|

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage 1 group. The

initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit

3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>
9-16	Same value categories as groups 1 to 8
	<i>Black Race</i>
17-32	Same value—Spanish origin categories as groups 1 to 16
	<i>Asian, Pacific Islander Race</i>
33-48	Same value—Spanish origin categories as groups 1 to 16
	<i>Indian (American) or Eskimo or Aleut Race</i>
49-64	Same value—Spanish origin categories as groups 1 to 16
	<i>Other Race (includes those races not listed above)</i>
65-80	Same value—Spanish origin categories as groups 1 to 16
	<i>Renter</i>
	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Rent Categories</i>
81	\$1 to \$59

82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

Indian (American) or Eskimo or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	Vacant for Rent
2	Vacant for Sale
3	Other Vacant

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the

complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some households or persons to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized

to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect data for households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a num-

ber of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's population and housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic was still missing at the time the questionnaire reached the central processing offices, the characteristic was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a housing unit that was consistent with entries for other housing units with similar characteristics. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place

of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

Specific tolerances were established for the number of computer allocations and substitutions that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocation on the individual subject characteristics may be found in tables B-1 and B-2 which follow table 102.

For all characteristics except vehicles available, the allocation rates shown are obtained by dividing the number of housing units with the characteristics allocated by the number of year-round or occupied units. The allocation rates for vehicles available are the sum of the rates for the two component parts—automobiles available and vans or trucks available.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{\hat{Y} \left(1 - \frac{\hat{Y}}{N}\right)}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

2/ The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{\hat{p}}{B} (100 - \hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	1.0	1.0	0.4
Tenure.....	1.2	1.2	0.6
Units in structure.....	1.1	1.1	0.6
Stories in structure.....	0.8	0.8	0.4
Passenger elevator.....	0.9	0.9	0.4
Source of water.....	1.1	1.1	0.6
Sewage disposal.....	1.0	1.0	0.6
Year structure built.....	1.0	1.0	0.6
Year householder moved into housing unit.....	1.1	1.1	0.6
Heating equipment and fuel.....	1.4	1.4	0.5
Kitchen facilities.....	1.0	1.0	0.4
Number of bedrooms or bathrooms.....	1.1	1.1	0.7
Telephone in housing unit.....	1.1	1.1	0.6
Air conditioning.....	1.5	1.5	0.8
Vehicles available.....	1.1	1.1	0.5
Gross rent.....	1.1	1.1	0.6
Mortgage status and selected monthly owner cost.....	1.1	1.1	0.5
Income.....	1.1	1.1	0.5
Poverty status.....	1.1	1.1	0.3
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.1	1.1	0.5

Table D. Percent of Housing Units in Sample: 1980

(For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties
American Indian Reservations

	Housing units	
	100-percent count	Percent in sample
The State	334 235	15.9
URBAN AND RURAL AND SIZE OF PLACE		
Urban	280 342	15.9
Inside urbanized areas	228 656	15.9
Central cities	161 956	15.8
Urban fringe	66 720	16.0
Outside urbanized areas	51 686	16.0
Places of 10,000 or more	19 402	16.0
Places of 2,500 to 10,000	32 284	16.0
Rural	53 893	15.7
Places of 1,000 to 2,500	14 110	16.0
Other rural	39 783	15.6
Farm	—	...
INSIDE AND OUTSIDE SMSA's		
Inside SMSA's	252 038	15.8
Urban	242 785	15.8
Central cities	142 280	15.8
Not in central cities	100 505	15.9
Rural	9 253	15.3
Outside SMSA's	82 197	16.0
Urban	37 557	16.1
Rural	44 640	15.8
SMSA's		
Honolulu, Hawaii	252 038	15.8
Urban	242 785	15.8
Rural	9 253	15.3
URBANIZED AREAS		
Honolulu, Hawaii	199 401	15.9
Kailua-Kaneohe, Hawaii	29 255	15.9
PLACES OF 2,500 OR MORE		
Ahuimanu (CDP)	1 859	14.8
Aiea (CDP)	10 175	15.9
Ewa (CDP)	678	15.8
Ewa Beach (CDP)	3 434	16.2
Manomani (CDP)	836	16.1
Houliou (CDP)	899	15.4
Heala (CDP)	1 550	16.0
Hickam Housing (CDP)	422	16.5
Hilo (CDP)	11 775	15.9
Honolulu (CDP)	142 280	15.8
Iroquois Point (CDP)	1 132	16.4
Kahului (CDP)	923	15.8
Kahului (CDP)	4 012	16.0
Kailua (CDP), Hawaii County	2 294	15.8
Kailua (CDP), Honolulu County	11 124	16.2
Kalihiwai (CDP)	798	16.2
Kaneohe (CDP)	8 532	15.8
Kapaa (CDP)	1 824	15.7
Kukui (CDP)	942	16.3
Kihai (CDP)	5 164	17.1
Lahaina (CDP)	2 506	15.8
Loie (CDP)	938	13.6
Lihae (CDP)	1 597	16.7
Mali (CDP)	1 392	15.2
Makaha (CDP)	3 516	16.0
Makaha City (CDP)	2 243	16.2
Makawae (CDP)	977	14.6
Maunawili (CDP)	1 423	16.3
Makani Town (CDP)	6 413	16.3
Makapu (CDP)	1 889	15.7
Nanakuli (CDP)	1 907	15.8
Pearl City (CDP)	11 367	16.3
Pukalani (CDP)	1 217	16.4
Schofield Barracks (CDP)	3 583	16.4
Wahiawa (CDP)	5 546	16.2
Wailuku (CDP)	1 146	16.1
Waimanalo (CDP)	2 088	14.9
Waimanalo (CDP)	3 615	16.2
Waimanalo Beach (CDP)	823	15.8
Waimanalo Beach (CDP)	961	16.2
Waipahu (CDP)	7 120	15.7
Waipio Acres (CDP)	1 433	15.1
COUNTIES		
Hawaii	34 215	15.8
Honolulu	252 038	15.8
Kalawao	121	48.8
Kauai	14 828	16.1
Molai	33 033	15.9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. This address means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A one-family house *detached* from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city* or *suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark A public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank* or *cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person* in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reverse cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, well, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28 – H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30 – H32. Do *not* answer these questions if you live in a *cooperative*, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, not, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's ability to speak English.
- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
 - (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
 - (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
 - (4) The circle Not at all should be filled for persons who do not speak English at all.
14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).
- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.
- Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.
- Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.
- Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.
- Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.
- 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.
- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.
- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.
- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.
- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.
19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.
20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at all jobs last week, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity at the place where the person works. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons)
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS Please fill one column for each person listed in Question 1.	PERSON in column 1 Last name First name Middle initial	PERSON in column 2 Last name First name Middle initial
<p>2. How is this person related to the person in column 1?</p> <p>Fill one circle.</p> <p>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>	<p><i>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</i></p>	<p>If relative of person in column 1:</p> <p><input type="checkbox"/> Husband/wife <input type="checkbox"/> Father/mother</p> <p><input type="checkbox"/> Son/daughter <input type="checkbox"/> Other relative</p> <p><input type="checkbox"/> Brother/sister</p> <p>If not related to person in column 1:</p> <p><input type="checkbox"/> Roomer, boarder <input type="checkbox"/> Other nonrelative</p> <p><input type="checkbox"/> Partner, roommate <input type="checkbox"/> Paid employee</p>	
<p>3. Sex Fill one circle.</p>	<p><input type="radio"/> Male <input checked="" type="radio"/> Female</p>	<p><input type="radio"/> Male <input checked="" type="radio"/> Female</p>	
<p>4. Is this person —</p> <p>Fill one circle.</p>	<p><input type="checkbox"/> White <input type="checkbox"/> Asian Indian</p> <p><input type="checkbox"/> Black or Negro <input type="checkbox"/> Hawaiian</p> <p><input type="checkbox"/> Japanese <input type="checkbox"/> Guamanian</p> <p><input type="checkbox"/> Chinese <input type="checkbox"/> Samoan</p> <p><input type="checkbox"/> Filipino <input type="checkbox"/> Eskimo</p> <p><input type="checkbox"/> Korean <input type="checkbox"/> Aleut</p> <p><input type="checkbox"/> Vietnamese <input type="checkbox"/> Other — Specify</p> <p><input type="checkbox"/> Indian (Amer.)</p> <p>Print tribe</p>	<p><input type="checkbox"/> White <input type="checkbox"/> Asian Indian</p> <p><input type="checkbox"/> Black or Negro <input type="checkbox"/> Hawaiian</p> <p><input type="checkbox"/> Japanese <input type="checkbox"/> Guamanian</p> <p><input type="checkbox"/> Chinese <input type="checkbox"/> Samoan</p> <p><input type="checkbox"/> Filipino <input type="checkbox"/> Eskimo</p> <p><input type="checkbox"/> Korean <input type="checkbox"/> Aleut</p> <p><input type="checkbox"/> Vietnamese <input type="checkbox"/> Other — Specify</p> <p><input type="checkbox"/> Indian (Amer.)</p> <p>Print tribe</p>	
<p>5. Age, and month and year of birth</p> <p>a. Print age at last birthday.</p> <p>b. Print month and fill one circle.</p> <p>c. Print year in the spaces, and fill one circle below each number.</p>	<p>a. Age at last birthday</p> <p>c. Year of birth</p> <p>1 8 8 8</p> <p>9 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>b. Month of birth</p> <p><input type="checkbox"/> Jan.—Mar.</p> <p><input type="checkbox"/> Apr.—June</p> <p><input type="checkbox"/> July—Sept</p> <p><input type="checkbox"/> Oct.—Dec.</p>	<p>a. Age at last birthday</p> <p>c. Year of birth</p> <p>1 8 8 8</p> <p>9 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p> <p>b. Month of birth</p> <p><input type="checkbox"/> Jan.—Mar.</p> <p><input type="checkbox"/> Apr.—June</p> <p><input type="checkbox"/> July—Sept</p> <p><input type="checkbox"/> Oct.—Dec.</p>	
<p>6. Marital status</p> <p>Fill one circle.</p>	<p><input type="checkbox"/> Now married <input type="checkbox"/> Separated</p> <p><input type="checkbox"/> Widowed <input type="checkbox"/> Never married</p> <p><input type="checkbox"/> Divorced</p>	<p><input type="checkbox"/> Now married <input type="checkbox"/> Separated</p> <p><input type="checkbox"/> Widowed <input type="checkbox"/> Never married</p> <p><input type="checkbox"/> Divorced</p>	
<p>7. Is this person of Spanish/Hispanic origin or descent?</p> <p>Fill one circle.</p>	<p><input type="checkbox"/> No (not Spanish/Hispanic)</p> <p><input type="checkbox"/> Yes, Mexican, Mexican-Amer., Chicano</p> <p><input type="checkbox"/> Yes, Puerto Rican</p> <p><input type="checkbox"/> Yes, Cuban</p> <p><input type="checkbox"/> Yes, other Spanish/Hispanic</p>	<p><input type="checkbox"/> No (not Spanish/Hispanic)</p> <p><input type="checkbox"/> Yes, Mexican, Mexican-Amer., Chicano</p> <p><input type="checkbox"/> Yes, Puerto Rican</p> <p><input type="checkbox"/> Yes, Cuban</p> <p><input type="checkbox"/> Yes, other Spanish/Hispanic</p>	
<p>8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</p>	<p><input type="checkbox"/> No, has not attended since February 1</p> <p><input type="checkbox"/> Yes, public school, public college</p> <p><input type="checkbox"/> Yes, private, church-related</p> <p><input type="checkbox"/> Yes, private, not church-related</p>	<p><input type="checkbox"/> No, has not attended since February 1</p> <p><input type="checkbox"/> Yes, public school, public college</p> <p><input type="checkbox"/> Yes, private, church-related</p> <p><input type="checkbox"/> Yes, private, not church-related</p>	
<p>9. What is the highest grade (or year) of regular school this person has ever attended?</p> <p>Fill one circle.</p> <p>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p>	<p>Highest grade attended:</p> <p><input type="checkbox"/> Nursery school <input type="checkbox"/> Kindergarten</p> <p>Elementary through high school (grade or year)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p> <p>College (academic year)</p> <p>1 2 3 4 5 6 7 8 or more</p> <p><input type="checkbox"/> Never attended school — Skip question 10</p>	<p>Highest grade attended:</p> <p><input type="checkbox"/> Nursery school <input type="checkbox"/> Kindergarten</p> <p>Elementary through high school (grade or year)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p> <p>College (academic year)</p> <p>1 2 3 4 5 6 7 8 or more</p> <p><input type="checkbox"/> Never attended school — Skip question 10</p>	
<p>10. Did this person finish the highest grade (or year) attended?</p> <p>Fill one circle.</p>	<p><input type="checkbox"/> Now attending this grade (or year)</p> <p><input type="checkbox"/> Finished this grade (or year)</p> <p><input type="checkbox"/> Did not finish this grade (or year)</p>	<p><input type="checkbox"/> Now attending this grade (or year)</p> <p><input type="checkbox"/> Finished this grade (or year)</p> <p><input type="checkbox"/> Did not finish this grade (or year)</p>	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

If you listed more than 7 persons in Question 1, please see note on page 20.

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.
☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.
☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One
☐ 2 apartments or living quarters
☐ 3 apartments or living quarters
☐ 4 apartments or living quarters
☐ 5 apartments or living quarters
☐ 6 apartments or living quarters
☐ 7 apartments or living quarters
☐ 8 apartments or living quarters
☐ 9 apartments or living quarters
☐ 10 or more apartments or living quarters
☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?
☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only
☐ Yes, but also used by another household
☐ No, have some but not all plumbing facilities
☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room
☐ 2 rooms
☐ 3 rooms
☐ 4 rooms
☐ 5 rooms
☐ 6 rooms
☐ 7 rooms
☐ 8 rooms
☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?
☐ Rented for cash rent?
☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No
☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes
☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes
☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer
☐ A house on 10 or more acres
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000
☐ \$10,000 to \$14,999
☐ \$15,000 to \$17,499
☐ \$17,500 to \$19,999
☐ \$20,000 to \$22,499
☐ \$22,500 to \$24,999
☐ \$25,000 to \$27,499
☐ \$27,500 to \$29,999
☐ \$30,000 to \$34,999
☐ \$35,000 to \$39,999
☐ \$40,000 to \$44,999
☐ \$45,000 to \$49,999
☐ \$50,000 to \$54,999
☐ \$55,000 to \$59,999
☐ \$60,000 to \$64,999
☐ \$65,000 to \$69,999
☐ \$70,000 to \$74,999
☐ \$75,000 to \$79,999
☐ \$80,000 to \$89,999
☐ \$90,000 to \$99,999
☐ \$100,000 to \$124,999
☐ \$125,000 to \$149,999
☐ \$150,000 to \$199,999
☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50
☐ \$50 to \$59
☐ \$60 to \$69
☐ \$70 to \$79
☐ \$80 to \$89
☐ \$90 to \$99
☐ \$100 to \$109
☐ \$110 to \$119
☐ \$120 to \$129
☐ \$130 to \$139
☐ \$140 to \$149
☐ \$150 to \$159
☐ \$160 to \$169
☐ \$170 to \$179
☐ \$180 to \$189
☐ \$190 to \$199
☐ \$200 to \$224
☐ \$225 to \$249
☐ \$250 to \$274
☐ \$275 to \$299
☐ \$300 to \$349
☐ \$350 to \$399
☐ \$400 to \$499
☐ \$500 or more

PERSON in column 7	
Last name	Middle initial
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male	<input type="radio"/> Female
<input type="radio"/> White	<input type="radio"/> Asian Indian
<input type="radio"/> Black or Negro	<input type="radio"/> Hawaiian
<input type="radio"/> Japanese	<input type="radio"/> Guamanian
<input type="radio"/> Chinese	<input type="radio"/> Samoan
<input type="radio"/> Filipino	<input type="radio"/> Eskimo
<input type="radio"/> Korean	<input type="radio"/> Aleut
<input type="radio"/> Vietnamese	<input type="radio"/> Other — Specify
<input type="radio"/> Indian (Amer.)	
Print tribe	
a. Age at last birthday	c. Year of birth
1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
b. Month of birth	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> Jan.—Mar.	<input type="radio"/> Apr.—June
<input type="radio"/> July—Sept.	<input type="radio"/> Oct.—Dec.
<input type="radio"/> Now married	<input type="radio"/> Separated
<input type="radio"/> Widowed	<input type="radio"/> Never married
<input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic)	<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano
<input type="radio"/> Yes, Puerto Rican	<input type="radio"/> Yes, Cuban
<input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1	<input type="radio"/> Yes, public school, public college
<input type="radio"/> Yes, private, church-related	<input type="radio"/> Yes, private, not church-related
Highest grade attended:	
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten
Elementary through high school (grade or year)	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> College (academic year)	
1 2 3 4 5 6 7 8 or more	
<input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year)	<input type="radio"/> Finished this grade (or year)
<input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O

FOR CENSUS USE ONLY					
A4. Block number	A6. Serial number	B. Type of unit or quarters	C1. Is this unit for —	D. Months vacant	E. Total persons
0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	Occupied <input type="radio"/> First form <input type="radio"/> Continuation Vacant <input type="radio"/> Regular <input type="radio"/> Usual home elsewhere Group quarters <input type="radio"/> First form <input type="radio"/> Continuation	For vacant units <input type="radio"/> Year round use <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D. C2. Vacancy status <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant C3. Is this unit boarded up? <input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 or more years	0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
			F. Indicators		
			<input type="radio"/> 1. <input type="radio"/> Mail return <input type="radio"/> 2. <input type="radio"/> Pop./F		

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. </p>	<p>H21a. Which fuel is used most for house heating?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p>H21b. Which fuel is used most for water heating?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p>c. Which fuel is used most for cooking?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p>	<p>CENSUS USE</p> <p>H22a.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories </p> <p>b. Is there a passenger elevator in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22b.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>	<p>H22c.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H15a. Is this building —</p> <p> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? </p> <p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <p> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more </p>	<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Average monthly cost <input type="radio"/> Electricity not used </p> <p>b. Gas</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Average monthly cost <input type="radio"/> Gas not used </p> <p>c. Water</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Yearly cost </p> <p>d. Oil, coal, kerosene, wood, etc.</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Yearly cost <input type="radio"/> These fuels not used </p>	<p>H22d.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H16. Do you get water from —</p> <p> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? </p>	<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22e.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H17. Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means </p>	<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms </p>	<p>H22f.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1930 or earlier <input type="radio"/> 1970 to 1974 </p>	<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms </p>	<p>H22g.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here </p>	<p>H26. Do you have a telephone in your living quarters?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22h.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment </p>	<p>H27. Do you have air conditioning?</p> <p> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No </p> <p>H28. How many automobiles are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles </p> <p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks </p>	<p>H22i.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>

FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes
- ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$.00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

1	2	4	1	2	4	3	2	4
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2
	3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3
	4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9
4	2	4	5	2	4	6	2	4
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2
	3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3
	4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9
7	2	4	GQ	H30	H31	H32c		
S.S.	0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0		
Yes	1 1 1 1 1 1	1 1 1 1 1 1		1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1		
No	2 2 2 2 2 2	2 2 2 2 2 2		2 2 2 2 2 2	2 2 2 2 2 2	2 2 2 2 2 2		
	3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3	3 3 3 3 3 3		
	4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4	4 4 4 4 4 4		
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5	5 5 5 5 5 5		
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6	6 6 6 6 6 6		
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7	7 7 7 7 7 7		
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8	8 8 8 8 8 8		
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9		

Page 6

ANSWER THESE QUESTIONS FOR

Name of Person 1 on page 2 Last name First name Middle initial	16. When was this person born? <input type="radio"/> Born before April 1965 — Please go on with questions 17-33 <input type="radio"/> Born April 1965 or later — Turn to next page for next person	22a. Did this person work at any time last week? <input type="radio"/> Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.) <input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.																																																																																										
11. In what State or foreign country was this person born? Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State. Name of State or foreign country, or Puerto Rico, Guam, etc.	17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No b. Attending college? <input type="radio"/> Yes <input type="radio"/> No c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time	Skip to 25																																																																																										
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950	18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? If service was in National Guard or Reserves only, see instruction guide. <input type="radio"/> Yes <input type="radio"/> No — Skip to 19 b. Was active-duty military service during — Fill a circle for each period in which this person served. <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time	b. How many hours did this person work last week (at all jobs)? Subtract any time off; add overtime or extra hours worked. Hours																																																																																										
13a. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — Skip to 14 b. What is this language? (For example — Chinese, Italian, Spanish, etc.) c. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all	19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which ... a. Limits the kind or amount of work this person can do at a job? <input type="radio"/> Yes <input type="radio"/> No b. Prevents this person from working at a job? <input type="radio"/> Yes <input type="radio"/> No c. Limits or prevents this person from using public transportation? <input type="radio"/> Yes <input type="radio"/> No	23. At what location did this person work last week? If this person worked at more than one location, print where he or she worked most last week. If one location cannot be specified, see instruction guide. a. Address (Number and street) If street address is not known, enter the building name, shopping center, or other physical location description. b. Name of city, town, village, borough, etc.																																																																																										
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)	20. If this person is a female — How many babies has she ever had, not counting stillbirths? Do not count her stepchildren or children she has adopted. None 1 2 3 4 5 6 7 8 9 10 11 12 or more	d. County e. State ZIP Code																																																																																										
15a. Did this person live in this house five years ago (April 1, 1975)? If in college or Armed Forces in April 1975, report place of residence there. <input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input type="radio"/> No, different house	21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once b. Month and year of marriage? Month and year of first marriage? (Month) (Year) (Month) (Year) c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No	24a. Last week, how long did it usually take this person to get from home to work (one way)? Minutes b. How did this person usually get to work last week? If this person used more than one method, give the one usually used for most of the distance. <input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify																																																																																										
b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country, Puerto Rico, Guam, etc.: (2) County: (3) City, town, village, etc.: (4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area	FOR CENSUS USE ONLY <table border="1"> <thead> <tr> <th>Per. No.</th> <th>11.</th> <th>13b.</th> <th>14.</th> <th>15b.</th> <th>23.</th> <th>VL</th> <th>24a.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0 0 0</td> <td>0 0 0</td> <td>0 0 0</td> <td>0 0 0</td> <td>0 0 0</td> <td>0 0 0</td> <td>0 0 0</td> </tr> <tr> <td>2</td> <td>1 1 1</td> <td>1 1 1</td> <td>1 1 1</td> <td>1 1 1</td> <td>1 1 1</td> <td>1 1 1</td> <td>1 1 1</td> </tr> <tr> <td>3</td> <td>2 2 2</td> <td>2 2 2</td> <td>2 2 2</td> <td>2 2 2</td> <td>2 2 2</td> <td>2 2 2</td> <td>2 2 2</td> </tr> <tr> <td>4</td> <td>3 3 3</td> <td>3 3 3</td> <td>3 3 3</td> <td>3 3 3</td> <td>3 3 3</td> <td>3 3 3</td> <td>3 3 3</td> </tr> <tr> <td>5</td> <td>4 4 4</td> <td>4 4 4</td> <td>4 4 4</td> <td>4 4 4</td> <td>4 4 4</td> <td>4 4 4</td> <td>4 4 4</td> </tr> <tr> <td>6</td> <td>5 5 5</td> <td>5 5 5</td> <td>5 5 5</td> <td>5 5 5</td> <td>5 5 5</td> <td>5 5 5</td> <td>5 5 5</td> </tr> <tr> <td>7</td> <td>6 6 6</td> <td>6 6 6</td> <td>6 6 6</td> <td>6 6 6</td> <td>6 6 6</td> <td>6 6 6</td> <td>6 6 6</td> </tr> <tr> <td>8</td> <td>7 7 7</td> <td>7 7 7</td> <td>7 7 7</td> <td>7 7 7</td> <td>7 7 7</td> <td>7 7 7</td> <td>7 7 7</td> </tr> <tr> <td>9</td> <td>8 8 8</td> <td>8 8 8</td> <td>8 8 8</td> <td>8 8 8</td> <td>8 8 8</td> <td>8 8 8</td> <td>8 8 8</td> </tr> <tr> <td>0</td> <td>9 9 9</td> <td>9 9 9</td> <td>9 9 9</td> <td>9 9 9</td> <td>9 9 9</td> <td>9 9 9</td> <td>9 9 9</td> </tr> </tbody> </table>				Per. No.	11.	13b.	14.	15b.	23.	VL	24a.	1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	2	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	3	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	5	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	6	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	7	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	8	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	9	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	0	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9
Per. No.	11.	13b.	14.	15b.	23.	VL	24a.																																																																																					
1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0																																																																																					
2	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1																																																																																					
3	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2																																																																																					
4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3																																																																																					
5	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4																																																																																					
6	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5																																																																																					
7	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6																																																																																					
8	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7																																																																																					
9	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8																																																																																					
0	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9																																																																																					

PERSON 1 ON PAGE 2

Page 7

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p>○ Drive alone — <i>Skip to 28</i> ○ Drive others only</p> <p>○ Share driving ○ Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p>○ 2 <input checked="" type="radio"/> 3 ○ 4 ○ 6 <input checked="" type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I ○ ○ ○</p> <p>○ I I I</p> <p>II 3 3</p> <p>○ 4 4</p> <p>III 5 5</p> <p>○ 6 6</p> <p>IV 7 7</p> <p>○ 8 8</p> <p>○ 9 9</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p>○ Yes <input checked="" type="radio"/> ○ No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks _____</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours _____</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○ ○</p>
<p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p>○ Yes, on layoff</p> <p>○ Yes, on vacation, temporary illness, labor dispute, etc.</p> <p>○ No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p>○ Yes ○ No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p>○ No, already has a job <input checked="" type="radio"/></p> <p>○ No, temporarily ill</p> <p>○ No, other reasons (in school, etc.)</p> <p>○ Yes, could have taken a job</p>	<p>22b.</p> <p>I I I</p> <p>○ I I I</p> <p>II 3 3</p> <p>○ 4 4</p> <p>III 5 5</p> <p>○ 6 6</p> <p>IV 7 7</p> <p>○ 8 8</p> <p>○ 9 9</p>	<p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks _____</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32a. 32b.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p>
<p>27. When did this person last work, even for a few days?</p> <p>○ 1980 ○ 1978 ○ 1970 to 1974</p> <p>○ 1979 ○ 1975 to 1977 ○ 1969 or earlier</p> <p>○ Never worked</p> <p><i>Skip to 31d</i></p> <p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>28.</p> <p>A B C</p> <p>D E F</p> <p>○ ○ ○</p> <p>G H J</p> <p>K L M</p> <p>○ ○ ○</p> <p>N P Q</p> <p>R S T</p> <p>○ ○ ○</p> <p>U V W</p> <p>X Y Z</p> <p>○ ○ ○</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs ... Report amount before deductions for taxes, bonds, dues, or other items.</p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice ... Report net income after business expenses.</p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p>	<p>32c. 32d.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p>
<p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill in circle)</p> <p>Manufacturing <input checked="" type="radio"/> ○ Retail trade</p> <p>Wholesale trade ○ Other — (agriculture, construction, service, government, etc.)</p>	<p>29.</p> <p>N P Q</p> <p>○ ○ ○</p> <p>R S T</p> <p>○ ○ ○</p> <p>U V W</p> <p>○ ○ ○</p> <p>X Y Z</p> <p>○ ○ ○</p>	<p>c. Own farm ... Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income ... Report even small amounts credited to an account.</p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p>	<p>32e. 32f.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p> <p>30. Was this person — (Fill in circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions ... <input checked="" type="radio"/></p> <p>Federal government employee ...</p> <p>State government employee ...</p> <p>Local government employee (city, county, etc.) ...</p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated ...</p> <p>Own business incorporated ...</p> <p>Working without pay in family business or farm ...</p>	<p>31.</p> <p>N P Q</p> <p>○ ○ ○</p> <p>R S T</p> <p>○ ○ ○</p> <p>U V W</p> <p>○ ○ ○</p> <p>X Y Z</p> <p>○ ○ ○</p>	<p>e. Social Security or Railroad Retirement ...</p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments ...</p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly ...</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p>○ Yes → \$ _____ .00</p> <p>○ No (Annual amount — Dollars)</p>	<p>32g. 33.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p>

→ Please turn to the next page and answer the questions for Person 2 on page 2



Appendix F.—Publication and Computer Tape Program

GENERAL.....	F-1
PUBLICATIONS.....	F-1
Population and Housing Census Reports.....	F-1
PHC80-1, Block Statistics.....	F-1
PHC80-2, Census Tracts.....	F-2
PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas.....	F-2
PHC80-4, Congressional Districts of the 98th Congress.....	F-2
PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics.....	F-2
PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics.....	F-2
Population Census Reports.....	F-2
PC80-1, Volume 1, Characteristics of the Population.....	F-2
PC80-1-A, Chapter A, Number of Inhabitants.....	F-2
PC80-1-B, Chapter B, General Population Characteristics.....	F-2
PC80-1-C, Chapter C, General Social and Economic Characteristics.....	F-3
PC80-1-D, Chapter D, Detailed Population Characteristics.....	F-3
PC80-2, Volume 2, Subject Reports.....	F-3
PC80-S1, Supplementary Reports.....	F-3
Housing Census Reports.....	F-3
HC80-1, Volume 1, Characteristics of Housing Units.....	F-3
HC80-1-A, Chapter A, General Housing Characteristics.....	F-3
HC80-1-B, Chapter B, Detailed Housing Characteristics.....	F-3
HC80-2, Volume 2, Metropolitan Housing Characteristics.....	F-3
HC80-3, Volume 3, Subject Reports.....	F-3
HC80-4, Volume 4, Components of Inventory Change.....	F-3

PUBLICATIONS—Con.	
HC80-5, Volume 5, Residential Finance.....	F-4
HC80-S1-1, Supplementary Reports.....	F-4
Evaluation and Reference Reports.....	F-4
PHC80-E, Evaluation and Research Reports.....	F-4
PHC80-R, Reference Reports.....	F-4
PHC80-R1, Users' Guide.....	F-4
PHC80-R2, History.....	F-4
PHC80-R3, Alphabetical Index of Industries and Occupations.....	F-4
PHC80-R4, Classified Index of Industries and Occupations.....	F-4
PHC80-R5, Geographic Identification Code Scheme.....	F-4
COMPUTER TAPES.....	F-4
Summary Tape Files.....	F-4
STF 1.....	F-4
STF 2.....	F-4
STF 3.....	F-4
STF 4.....	F-5
STF 5.....	F-5
Other Computer Tape Files.....	F-5
P.L. 94-171, Population Counts.....	F-5
Master Area Reference Files 1 and 2 (MARF).....	F-5
Geographic Base File/Dual Independent Map Encoding (GBF/DIME).....	F-5
Public-Use Microdata Samples.....	F-5
Census/EEO Special File.....	F-5
MAPS.....	F-5
MICROFICHE.....	F-5
STF 1 Microfiche.....	F-5
STF 3 Microfiche.....	F-5
P.L. 94-171 Counts Microfiche.....	F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by 'inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

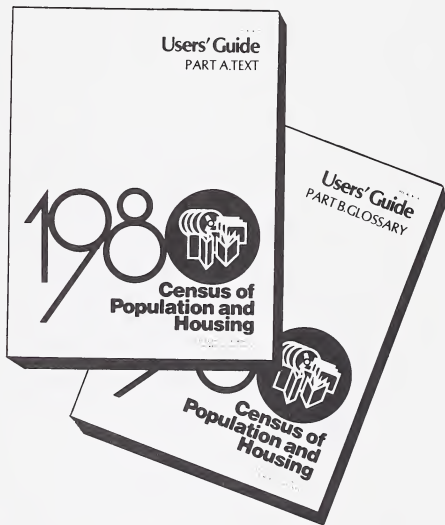
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

Official Business

Penalty for Private Use, \$300



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

Special Fourth-Class
Rate—Book



